

Shubhra Garg – Senior Consultant

Mobile no: +91-9632167453

Email id: shubhra.garg@infosys.com

Current Location: Bangalore

Role Designation: Senior Consultant

Professional Summary

- Have 12 years of experience as Senior Consultant, Tech Lead and Software Developer on Storage and Telecom domain, virtualization, Open-Source projects, data science and financial domain (payments and anti-money laundering domain) projects.
- Have worked for 6 years with Infosys Ltd and 6 years with Wipro Ltd.
- Have worked across geographies- Europe, Australia, USA, UK etc.
- Have independently worked and contributed to the cutting-edge development projects of HP, NSN, and Optus, Daimler etc. Have experience on sustenance and maintenance projects of NetApp as well.
- Strong background in scripting, coding, algorithms analysis and development projects.
- Good understanding and experience in the entire project life cycle of implementation right from the conception stage to production support activity in both Agile and Waterfall.
- Coordinate Development activities of the project. Solid team player, excellent interpersonal skills, and Strong communication.
- Wrote a research paper in medical domain using Deep learning models and achieved accuracy of 1.
- Hold AUS 482 long term visa in hand.

Technology / Skills

Technology Skills:

Technologies/Skill	C, C++, Golang, Perl, object-oriented Perl, PHP, Linux, Unix system internals, virtualization, python, shell scripting, xml, xml parsers, data science etc.
Basics of	CIM/SMIS, file systems, device drivers, payments etc.
Open source	Kubernetes, docker, OpenStack, VNF, RESTAPI, Nginx etc.
Databases	Oracle, MySQL, SQL procedures, Postgres SQL, MongoDB etc. Putty, JIRA, Rally, GIT, GIITHUB, SVN, ClearCase,
Scripting	Perl, OOPS Perl, shell, and python scripting
Other skills	OpenCV, OpenShift and Splunk fundamentals, predictive modeling in data science, Tableau, Deep Learning etc.
GITHUB link	https://github.com/shubhragarg

Professional Strength

Behavioral Skills:

- Flexible, innovative, self-motivated, good communication skills and a good team player.
- Ability to lead the challenging projects which require POC creations.
- Good business analytical skills and can work under pressure to meet deadlines.
- Always on the lookout for learning new things and a quick learner.

Qualifications:

- M-Tech in Data Science from BITS, Pilani (2020-22)
- Bachelor of Technology degree in Information Technology (2006-2010)

Project Details

Project -1:

Employer	Daimler AG (Germany)	Duration: 7 months (Jun 2023 – Nov 2023)
Project	Data/IP Migration from VitalQIP to IPControl application/ Development Lead	
Team Size	3	
Responsibilities	<ul style="list-style-type: none">• Involved in Requirement Analysis and High-Level & Low-level Design.• Interacting directly with the clients during Requirement Gathering as well as Functional Design Reviews.• There were major blockers in the existing Daimler migration system from VitalQIP to IPControl, which has blocked the migration of IP addresses of around 40% of their problematic locations around the entire world. As a Development Lead, I wrote new functionalities in Perl and Python, to resolve their major blockers and align their export and import system to export their problematic locations from VitalQIP application to IPControl. Received recognition and appreciation from client manager of Daimler.• Single-handedly / worked as individual contributor to develop scripts in Perl and python, wrote new functionalities at the export and import side of scripts and corrected the existing functionalities. Was directly working with client manager from Daimler. The secondary servers were receiving the wrong IP addresses of primary servers. The primary and secondary servers for a zone, were getting exported and imported in mixed orders, which was causing the major blockers for migration etc.	
Technology Tools Used	Perl, python, Unix, networking, VitalQIP, IPControl, xml, CSV's etc.	

Project -2:

Employer	Toyota Australia	Duration: 5 months (Feb 2023 – June 2023)
Project	Automobile product / Tech Lead	
Team Size	3	
Responsibilities	<ul style="list-style-type: none">• Learnt new skills like Golang, MongoDB and REST API.• The project was in RFP phase. Only can do new skill development.• GITHUB link for new skills development: https://github.com/sgarg2023/golangprojectpractice	
Technology Tools Used	Golang, mongoDB, RESTAPI, microservices, Kubernetes, docker, Unix.	

Project -3:

Employer	BHP Australia	Duration: 4 months (Dec 2022 – March 2023)
Project	Mining project/ Transition Lead for OD (Olympic Dam) applications	
Team Size	6	
Responsibilities	<ul style="list-style-type: none">• Involved in Requirement Analysis and High-Level & Low-level Design.• Interacting directly with the clients during Requirement Gathering as well as Functional Design Reviews.• Around 8-10 OD applications were in transitioning phase from BHP to Infosys.• Was working as Transition Lead for 8-10 OD applications and was directly working with BHP, Accenture stakeholders.• Single-handedly / worked as individual contributor to develop scripts in python, wrote new functionalities for few of the use cases and corrected the existing functionalities.• Was working as an independent Lead and handled transition of various BHP applications.	
Technology Tools Used	Python, Unix, excel sheet, xml, CSV's etc.	

Project -4:

Employer	Westpac Australia	Duration: 9 months (Jan 2022 – Nov 2022)
Project	Development Lead/ PAG Consultant	
Team Size	2	
Responsibilities	<ul style="list-style-type: none">• Involved in Requirement Analysis and High-Level & Low-level Design.• Interacting directly with the clients during Requirement Gathering as well as Functional Design Reviews.• Was working as PAG Consultant for Westpac payment gateway system and was directly working with Westpac client-side stakeholders to manage PAG vendor product and resolve any issues between back office and PAG and DAC and Reserve bank of Australia.• Single-handedly / worked as individual contributor to develop scripts in python/shell scripting, wrote new functionalities for few of the use cases, wrote test scripts etc.• Updated the configuration files for PAG servers and maintained the PAG AND DAC servers.	
Technology Tools Used	Python, shell scripting, Unix, PAG product etc.	

Project -5:

Employer	Finacle (Infosys)	Duration: 7 (Sept 2020 – Dec 2021)
Project	Finacle Banking solution/ Tech Lead	
Team Size	70	
Responsibilities	<ul style="list-style-type: none">As a Data science developer, worked on creating an Machine Learning model “payment is a success or failure”.Worked on graph database/Neo4j to device money laundering solution.	
Technology Tools Used	Data Science, predictive model in Machine Learning, money laundering, neo4j, Unix.	

Project -6:

Client	GAP (USA)/	Duration: 11 months (Nov 2019 – Sept 2020)
Project	Warehouse solution/development and maintenance project/ Tech Lead	
Team Size	8	
Responsibilities	<ul style="list-style-type: none">In Senior Scripting Developer role, I have written scripts using shell scripting for 2 of the use cases.Learnt a new tool CAWA and schedules those shell scripts using CAWA.	
Technology & Tools Used	Shell scripting, Unix, CAWA tool, C language.	

Project -7:

Employer	Optus Australia	Duration: 3-4 months (July 2019 – Oct 2019)
Project	Zenoss /Zen pack development project/ Tech Lead	
Team Size	5	

Responsibilities

Was leading the team of 5 members for Zen pack development work.
 As a python Developer, implemented two Zen packs from scratch. It was a challenging work to implement Zen packs from scratch.
 Requirement gathering from Optus SMEs for Zen pack development.
 Solved bugs and received highest ratings from client managers and SME's.
 Worked in agile methodology.
 Learnt the cutting-edge skill Zenoss and implemented Zen packs in a very short span of time.

Technology & Tools Used	Python, Unix, Zenoss system, Zen packs
-------------------------	--

Project -8,9,10:

Client	GE (Baden, Switzerland), C&B, IDO platform	Duration:6 months (Oct 2018 – March 2019)
Project	C++ project/ proposal writing/ Tech Lead	
Team Size	2	
<p>Was leading three projects.</p> <p>GE Responsibilities</p> <ul style="list-style-type: none"> As a C++ developer, wrote code and implemented ASME 2018 standards. As a consultation, went to Switzerland and gave ideas which is of direct benefit to the client for the migration of the 2 applications from C++ to dot net based. And for the migration of an excel sheet tool to dot net based. Worked on proposal writing and won ALL 3 project deals from GE, Baden, Switzerland. Brought 3 proposal for Infosys worth of 263K CHF dollars. Travelled onsite (GE, Baden, Switzerland) for two weeks. <p>Cook &Broadman Responsibilities</p> <ul style="list-style-type: none"> Worked on a machine learning POC- door opening and closing, to be developed using python and OpenCV – which is used for image and video processing. Learnt the new skill OpenCV. <p>IDO platform project responsibilities</p> <ul style="list-style-type: none"> Worked on a POC – PDF to PDF/A conversion task. To find the DPI's of all the images- coding done. Learnt the new skill OpenCV. 		
Technology & Tools Used	C++, UNIX, Windows, BI tools like tableau and Microsoft Power BI, etc.	

Project -11:

Client	ONAP (open-source project)	Duration:1 year (July 2017 – July 2018)
Project	Open-Source rookie project/ Tech Lead	
Team Size	2	

Project Responsibilities Worked on ONAP open-source project. ONAP is supposed to manage the lifecycle of VNF via OpenStack. <ul style="list-style-type: none">● Was leading a team of two members.● Brought up ONAP instance using Kubernetes environment over 1 VM.● Brought up OpenStack over another VM.● Integrated ONAP with OpenStack to manage the life cycle of VNF.● Learnt new open-source skills like ONAP, Kubernetes, dockers, OpenStack, VNF etc.		
Technology & Tools Used	Kubernetes, Dockers, VNF, OpenStack, DevStack etc.	

Project -12:

Client	Microsoft	Duration: 3-5 months (Jan 2016 – May 2016)
Project	Patent Analyst	
Team Size	2	
Project Responsibilities <ul style="list-style-type: none">• Worked as Patent Analyst- Microsoft for 3-5 months (Jan 2016 –May 2016).• The roles and responsibilities involve the infringement of the patents, generating claim chart, doing product clearance, generating story diagrams etc.• Was involved in the reverse engineering part as well.		
Technology & Tools Used	Reverse engineering, generating claim chart, doing product clearance, generating story diagrams etc.	

Project -13:

Client	Ericsson	Duration: 1 year some months (Jan 2015 – Jan 2016)
Project	C++ developer/Software Engineer	
Team Size	2	
Project Responsibilities <ul style="list-style-type: none">• Worked on maintenance and sustenance project of Ericsson account (Dec2014 –Jan 2016).• Was working across two modules- EAM and CHA. The project includes analysis and debugging of the bugs.		
Technology & Tools Used	C++, Unix, Perl, Shell scripting	

Project -14:

Client	HP/ Lefthand Networks	Duration: 1year 2months (Oct, 2013 – Dec 2014)
Project	C++ developer/Software Engineer	
Team Size	5	
Project Responsibilities <ul style="list-style-type: none">• Worked as a key contributor to implement the code (development project) for SMIS/CIM providers for LeftHandNetworks project (Oct, 2013 to Dec 2014).• It's again a storage domain - development project, running from Fort Collins , USA.• Wrote 2 POC's of the project.• LHN (LeftHand Network) project involves design, development and maintenance of firmware/software management interfaces for HP StoreVirtual storage arrays.		
Technology & Tools Used	Cimble, open Pegasus, C++ and Unix.	

Project -15:

Client	Hewlett Packard	Duration: 3 months (Aug, 2013 – Oct 2013)
Project	Perl developer/Software Engineer	
Team Size	Key contributor/single resource/1	
Project Responsibilities <ul style="list-style-type: none">• Worked as a key contributor (Aug, 2013 to Oct 2013) to implement code for creating virtual appliances for a toolset.• It's a development project.• Wrote around 2000 lines of code for the project. And 200 lines of DTD.		
Technology & Tools Used	Perl, object oriented Perl, VMware, XML, parsers, DTD , Unix etc.	

Project -16:

Client	NSN (Nokia siemens)	Duration: 1 year 3 months(April 2012 – July,2013)
Project	C++/Perl developer/Software Engineer	
Team Size	Key contributor/single resource/1	

Project Responsibilities <ul style="list-style-type: none"> Worked on Fault Management system (April 2012 till July,2013). , the project involves analysis and debugging of bugs. It's a telecom project. Also, I was involved in design and implementation of code for data migration activity of different components from OSS5.X to NetAct8 systems. Wrote around 5000 lines of code independently. 	
Technology & Tools Used	C++, Unix, Perl, sql, sql procedures , xml etc.

Project -17:

Client	NetApp (file system project)	Duration: 9 months(Jun 27 th ,2011– Feb,2012)
Project	C and unix developer/Software Engineer	
Team Size	24	
Project Responsibilities <ul style="list-style-type: none"> Started the career with maintenance and sustenance project of Netapp WAFL-CPE (Jun 27th,2011 till Feb,2012). The project involves analysis and debugging of bugs for two modules at file system level using gdb and macros. 		
Technology & Tools Used	C, Unix , file system, GDB etc.	

Educational Information

- Pursuing M-Tech in Data Science from BITS, Pilani (2020-22)
- Bachelor of Engineering –Information Technology,2010 (MAIET, Jaipur, Rajasthan)

Other Achievements

- Participated in the I2I-Image to Idea Challenge competition and submitted five new ideas. The challenge involves re-using of the already existing algorithms and to solve some real-world problem in hand. Secured 3rd to 5th Rank among the top 100 ideas!
- Wrote a research paper in medical domain using Deep learning models and achieved accuracy of 1.

Personal Information

- Gender : Female
- Marital Status : Un-married
- Date of Birth : 4th Feb, 1988
- Permanent Address : Jaipur, India
- Languages : English and Hindi
- Passport No. : J8169467
- Visa Details (If any) : Long term Work Permit for United Kingdom
Long term Work Permit for Australia

Place: Bangalore, India

(Shubhra Garg)