

SHRINIVAS SHAVI

61/2, 4th cross road KSRTC
layout,
2nd phase J.P. Nagara
Bengaluru.

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Experienced Software Engineer with a demonstrated history of working in the Information technology and Services industry. Skilled in C, C++, Networking(Routing and Switching), Python, Java, Database. Strong Engineering professional with a Bachelor of Engineering - BE focused in Computer Science from PES University.

SUMMARY

- 2 year experience in software development and design.
- Efficient in roles as individual contributor and team member.
- Good problem solving .

TECHNICAL SKILLS

Programming languages	Python,C, Java, C++, Javascript
Build management tools	Gerrit,Git,jira
OS	UNIX (Linux, Solaris, HP-UX, FreeBSD),Windows
Tools and Technologies	Wireshark,packet tracer,gns3
Databases	SQL, Oracle Products (Oracle RDMBS, Oracle PL/SQL) MySQL
Web Tools	HTML, PHP, Angular

PROFESSIONAL EXPERIENCE

Duration : August 2017 – Feb 2019

Company : **Wipro Limited**

Client : **Ericsson**

Domain : Networking(forwarding/data plane)

Role : C developer

Responsibilities:

- Implemented continuous integration using tools like Git,Gerrit,Jenkins.
- Working on software implemented on data/Forwarding plane in a LINECARD which does forwarding of packets
- Debugging crash files of the line card/router using tools like GDB, building image of the code and loading onto routing plane of the router.

Team Size : 4

Description : A BNG BOX installed with line cards for forwarding of gigabit traffic, bringing up more than 60,000 subscribers, connecting them to the internet. Monitoring the packet drops, Analyzing the card crashes and up bringing up of new features to enhance the data rate

Duration : Feb 2019 - present

Company : **Wipro Limited**

Client : **Nokia**

Domain : SDN controller

Role : Python Developer

Responsibilities:

- Write effective, scalable code
- Develop back-end components to improve responsiveness and overall performance
- Integrate user-facing elements into applications
- Test and debug programs
- Improve functionality of existing systems
- Implement security and data protection solutions
- Assess and prioritize feature requests
- Coordinate with internal teams to understand user requirements and provide technical solutions

Team Size : 3

Description:

With SDN , use a **central controller for the control plane**. Defining and implementing back-end components to improve responsiveness and overall performance . Debugging the issues with appropriate code changes.

PROJECTS

- 1) Minix: System calls and Kernel calls :
 - Creating System calls and Kernel calls using C with Minix OS.
- 2) Math-Logical inference engine :
 - Implementation of Prolog inference in C++.
- 3) Football database :
 - Creating dababase from rowdata using sqlit
 - Implementing UI in HTML,PHP
- 4) Skiplist implementation in C++
- 5) Tourism website
 - Tourism website which will guide users to take correct decision on travel.
 - Included all data with nearby tourist places , Hotels , ATMs ,
- 6) IPL database using Neo4j
 - Creating IPL dababase from cricinfo,cricbuzz using Neo4j
 - Implementing UI in HTML,PHP

EDUCATION

10th standard : St.John's High School. Betageri-Gadag

Year	Board	Percentage
2011	SSLC	94.24

12th standard : J T College. Gadag

Year	Board	Percentage
2013	PUC	90.08

B.E. : PES INSTITUTE OF TECHNOLOGY, Bengaluru.

BRANCH : COMPUTER SCIENCE AND ENGINEERING.

UNIVERSITY: AUTONOMOUS AFFILIATED TO VTU,BELGAUM.

CGPA : 8.58

ACHEIVEMENTS AND OTHER INTERESTS

- Participated in State level Ball Badminton Championship.
- NCC 'A' certificate holder.