

RELEVANT COURSEWORK

Operating Systems, Computer Communication Networks, Intro. to Cryptography, Database Systems, Massive Parallel Computing, Cloud Computing, Software Engineering, Cloud Technologies, Cloud Services, Storage and Network Virtualization.

EDUCATIONAL QUALIFICATION

MS in Computer Science , Texas A&M University - Kingsville **May'2020**
PG-Diploma in System Software Development- CDAC- Bangalore **Feb'2015**
BE in Computer Engineering , Maharashtra Institute of Technology (MIT), Pune **May'2012**

WORK EXPERIENCE (4.3 Years in Software Development)

Software Developer Intern, Ancestry.com Inc, Lehi , Utah **May'19 - Aug'19**

- Developed and integrated middleware/interceptors to perform chaos Testing within Ancestry internal services.
- Resolved codesmells using SonarQube ensuring code quality and reduced vulnerabilities.

Teaching Assistant, Texas A&M University,Kingsville **Sept'18 – Dec'18**

- Taught design patterns,test driven dev and project management tools to undergrads.
- Automated and showcased student classroom record with pandas and ggplot data analytics tools.

Software Developer, Crusoe Security,Israel **Jan'18 - Aug'18**

- Created, built and integrated docker images for crusoe microservices.
- Developed and integrated remote desktop Apache guacamole RDP module into web application.
- Explored and initiated development on dynamic scaling of microservices with kubernetes api.

Software Engineer, GDB Technologies Pvt Ltd.,Pune India **Aug'17 – Aug'18**

- Worked with (We-amp.com, a Netherlands based company) where Led the implementation of FastCGI PHP protocol support for open source Apache Traffic Server in C++.
- Used connection pool or thread local storage configuration mechanism for optimal performance.
- Supported GDB's wordpress based php website maintenance and updation.

Associate Software Engineer, Protegrity R&D,Navi Mumbai,India **Apr'15 to Jul'17**

- Implemented the UI and server side logic for product's screens like Learn Mode, log viewer and certificate/key material.
- Developed utility to work on UI screens which resulted in 50% reduction in development time.
- Co-ordinated with documentation and pre-sales team for product features and demos.

ACADEMIC WORK (MASTER'S)

- Paper published on **Work absenteeism prediction based on Neural Network**.
- Project Mobile Isolation**
 - Developed an application, which can isolate mobile environment to cloud and provides access through mobile browser based remote desktop interface.
 - Access will be granted through proxy as a gateway to the remote container images from anywhere, giving end to end security to mobile devices.
- Worked on a research paper on **Kubernetes Scheduler and resource management in cloud** as a part of master's curriculum.

TECHNICAL SKILLS

Technologies	Python (Expert), JavaScript (proficient), C++(prior experience) , Golang (Intermediate)
Protocols	TCP/IP, UDP,DNS, SSH, HTTP, HTTPS,RDP Remote desktop, VNC, Google ProtoBuf
Web Servers	Apache Tomcat 7.0, Apache Traffic Server,Apache Kafka, Apache Ignite (Caching)
Operating Systems	Windows/Linux , Centos, Debian, Solaris, Kali Linux,
Development Tools	VIM editor, Visual Studio 13,Code, Sublime Text Editor , Dockers, Kubernetes ,Mesos, Microservices, Docker-compose, Apache JMeter, GIT, SVN, Apache Guacamole, TDD tools mocha, Chai, Karma, Jenkins, gnu gdb debugger

