

MAYANK TANWAR

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EDUCATION

San Jose State University, San Jose, CA

May 2018

M.S. Software Engineering | Specialization in Enterprise Software Techniques

3.56/4.00 GPA

Guru Gobind Singh Indraprastha University, Delhi, India

May 2011

B.Tech in Computer Science

TECHNICAL SKILLS

Programming Language : Java, Python, Golang

Web Technologies : HTML5, CSS3, JavaScript, AngularJS, Spring Boot, NodeJs, ReactJS

Database Technologies : MySQL, Mongo DB, Redis

Other Skills : Machine Learning, Docker, Amazon EC2, S3, Gulp, WebPack, GitLab-CI, ElasticSearch, RabbittMq, Ansible.

Mobile : Android SDK, iOS SDK

Relevant Courses : Enterprise Distributed Systems, Enterprise Software Platforms, Software Systems Engineering, Enterprise App Development, Cloud Technologies, Web UI Design, Smartphone App Development, Machine Learning

PROFESSIONAL EXPERIENCE

Software Engineer Intern, F5 Networks Inc, Seattle, USA

Jun' 2017- August' 2017

- Developed a **microservice failure analysis engine**, which do regex search in the elastic search logs and perform relevant actions (Golang, ElasticSearch, RabbitMq, Gitalb-CI).
- Developed a dashboard that shows the health of the overall resource utilization for test automation. (AngularJS, Javascript)
- Developed an interactive shell environment to enhance user experience. (Golang)

Product Specialist, Cognizant Technology Solutions (CTS), India

Jan' 2012-Jun'2016

- Java developer, was responsible for developing various business applications for clients (Java Spring Boot, AngularJs, Hibernate).
- Developed cognizant internal oneCognizant portal for employee management (Java, AngularJS, JavaScript).

ACADEMIC EXPERIENCE

Replication of Airbnb(MEAN, Redis, RabbitMq, Jmeter, Docker , Amazon EC2, S3)

Fall 2016

- A distributed scalable application that provide a marketplace for buyer and seller.
- Developed interactive dashboard, visualization graph for user and admin, dynamic pricing, Google Analytics to analyze user activities.
- Implemented connection pooling and did performance testing using JMeter for 10000 users.
- Secure the application using proper authentication, Authorization access control and used secure HTTP headers.

FoodCoin(Python, MongoDB, ExpressJs, NodeJs, Angularjs, Twilio, IBM Bluemix)

Fall 2016

- Developed recommendation systems that predict customers in restaurant at a given time and semantic analysis using customer feedback. Achieved 60% accuracy.
- Secure push notification service to restaurant to broadcast their excess food on discount.

Job Portal System (Java, AngularJS, Spring Boot, Hibernate, Amazon EC2, Elastic Search)

Spring 2017

- CRUD job portal feature's, with job search with various filter's using elastic Search.

Weather App (Android, SQLite, iOS, swift, Google Place services)

Fall 2017

- Live weather data for multiple cities, time zone detection, 24 hours and 5 days' weather forecast.
- Rich and intuitive UI for better user experience

Android Library App (Android, Java Spring Boot, Hibernate, Elastic Search)

Fall 2017

- CRUD operation for library management, scan the barcode to add a book.
- Enhanced fast searching capabilities to find books on different criteria's.