
EDUCATION**Master of Computer Science**, Anticipated May 2021

North Carolina State University, Raleigh, NC – GPA: 4.0/4.0

Relevant Coursework: Design and Analysis of Algorithms, Object Oriented Design and Development, Software Engineering, Database Management Concepts and Systems, Automated Learning and Data Analysis, Human Computer Interaction

Bachelor of Engineering in Computer Engineering, May 2017

Vidyalankar Institute of Technology (affiliated to University of Mumbai), Mumbai, India – CGPA: 8.81/10.0

TECHNICAL SKILLS

Languages:	Java, JavaScript, Ruby, Python, C
Web technologies:	HTML, CSS, AngularJS, React, React Native, jQuery, Ruby on Rails
Databases and Cloud:	Oracle, MySQL, Couchbase, AWS, Docker, Firebase
Frameworks:	Spring Boot, Drop Wizard, Hibernate, Android, Struts 1.x

WORK EXPERIENCE**Software Engineer Intern, LinkedIn Corporation, Remote Internship**

May 2020 – August 2020

- Designed a **scalable** solution to support quick lookup of various entities for a caching service using **Couchbase**
- Achieved approximately **50%** reduction in latency for existing use cases by leveraging **NoSQL** Global Secondary Indexing
- Programmed highly **modular** components for implementation of design with appropriate unit tests using **Mockito** and **TestNG**

Assistant System Engineer, Tata Consultancy Services Limited, Mumbai

September 2017 – June 2019

- Managed integration and maintenance of services with Box, Inc. API endpoints by utilizing Box Java Software Development Kit
- Collaborated with **DevOps** for building **Continuous Integration and Continuous Deployment** pipelines for various services
- Developed a POC service to allow for content transfer within servers by taking advantage of **AMQP** protocol using **RabbitMQ**

PROJECTS**Ask Me Anything – Java, AngularJS Web Application**

- Constructed a discussion forum which enabled users to ask and/or answer questions and like questions and/or answers
- Created a fully **responsive UI** using **Bootstrap** and secured API endpoints using database backed **Basic Authentication**
- Implemented the persistence layer using **Hibernate ORM** mappings to support compatibility with multiple database vendors

Travel Emergency Response System – Android Application

- Conceptualized and programmed a mobile application to permit travelers to search for nearby garages and avail their services
- Integrated **Firebase Cloud Messaging** to handle inter-device communication, employed a custom **OTP mechanism** for security
- Incorporated **Google Maps** for presenting the user's location with respect to available garages within a two-mile radius

Expertiza - Ruby on Rails Web Application, Open Source Project

- Contributed to an **Open Source Project** used for course management and peer reviews at North Carolina State University
- Leveraged **Sidekiq**, an open source job scheduler written in Ruby to address use cases involving creation of scheduled tasks
- Augmented the automated testing process using **RSpec**, a Behavior-Driven Development tool for Ruby

Smart Weather Application – React Native Application

- Developed a **cross-platform** application which utilized **GPS** to display local weather conditions along with 24-hour forecast
- Created a simple server using **Spring Boot** to store user information and device tokens for handling **push notifications**
- Programmed a feature to allow for broadcast of emergency as well as promotional notifications to users

Library Management System - Ruby on Rails Web Application

- Implemented a system by taking advantage of various Active Record association and validation APIs provided by Rails
- Configured the application to send **email notifications** regarding the status of books requests, availability, and overdue fines
- Integrated **social login** and account creation via Google accounts using **OAuth** standard