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**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, Database Management Systems

**Bachelor of Engineering in Computer Engineering**, May 2017

Vidyalankar Institute of Technology - Mumbai University, Mumbai – CGPA: 8.81/10.0

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**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, Firebase Cloud Messaging
Frameworks:	Spring Boot, Drop Wizard, Hibernate, Android, Struts 1.x

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**WORK EXPERIENCE****Assistant System Engineer, Tata Consultancy Services Limited, Mumbai**

September 2017 – June 2019

- Engaged in weekly **Agile** meetings and discussions with customers to understand requirements and propose solutions
- Managed integration and maintenance of services with Box API endpoints by utilizing Box Java Software Development Kit
- Improvised the working of a legacy content management application through various enhancements and **bug fixes**
- Collaborated with **DevOps** for building **continuous integration and continuous deployment** pipelines for various services
- Developed **REST API** endpoints for internal projects leveraging frameworks such as **Hibernate, Drop Wizard** and **Spring Boot**
- Delivered a **POC** application allowing custom forms to be built and responses to be recorded and downloaded for internal use
- Facilitated creation of forms through a combination of six types of form fields i.e., text boxes, check boxes, radio buttons, etc.

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

- Constructed a website to facilitate users features to ask questions and answer questions asked by other users
- Created a **responsive UI** using **Bootstrap** and secured API endpoints using database backed **Basic Authentication**
- Devised a mechanism to ensure the most popular questions and/or answers always appear at the top of results
- Implemented privilege level access to allow only signed in users to ask/answer questions and/or up-vote questions and answers

**Travel Emergency Response System – Android Application**

- Conceptualized and programmed a prototype application to permit travelers to search for garages and avail services
- Implemented an **OTP mechanism** to address security concerns by generating 8-character random codes for every user request
- Integrated **Firebase Cloud Messaging** APIs for communication between user and service provider devices over the Internet
- Incorporated **Google Maps** APIs for showing a 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
- Analyzed assignment creation module and allowed drop topic deadlines to be associated with topic within assignments
- Leveraged an open source **job scheduler** written in Ruby to schedule jobs for dropping waitlists for topics after deadlines
- Augmented the process of creation of weighted questionnaires of various kinds and created **automated tests**

**Library Management System - Ruby on Rails Web Application**

- Implemented a system to allow books to be added to various libraries belonging to universities from a central repository
- 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

**Study Buddy – Android Application**

- Programmed an **Android** application to enable students to keep a track of weekly schedules and assignments
- Created a **task manager** cum **schedule tracker** to allow creation, deletion and modification of tasks by subjects
- Configured the application to notify users of daily submissions and display a weekly view of pending tasks

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**EXTRACURRICULAR**

- Designed **promotional content** and publicity brochures as a member of **creative team** of the official student body at VIT
- Undertook two modules of **Dale Carnegie** training - Winning People with Professionalism and Executive Excellence