

# Ankit Tibadiya

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## SUMMARY

- Well-organized and goal-oriented software engineer with 2+ years of professional experience in developing robust, scalable and highly available applications
- Experience developing applications with different design patterns and deploying on Test/UAT servers using CI/CD tools
- Team player and ability to handle multiple projects while devising tailored solutions to meet ever changing business requirements

## EDUCATION

### Stevens Institute of Technology (Hoboken, NJ)

Aug 2018 - May 2020

**Major:** Master of Science in Computer Science; GPA: 3.93/4.0

**Relevant Coursework:** Data Structures & Algorithms, Web Programming, DBMS, Data Mining, Web Mining

### Birla Vishwakarma Mahavidyalaya (Anand, India)

Jul 2011 - Jun 2015

**Major:** Bachelor of Engineering in Electronics and Telecommunication; GPA: 7.47/10

## SKILLS

**Programming Languages:** Java, Python, JavaScript

**Web Technologies:** Node.js, React.js, Redux, Angular 7+, Express.js, HTML5, CSS3

**Java/J2EE Technologies:** Spring Boot, Spring MVC, JPA/Hibernate, Swagger UI, JUnit

**Database Technologies:** PostgreSQL, MySQL, MongoDB, Redis

**Tools/Methodologies:** Devops, Agile, Git, AWS services, Docker, Ansible, Jenkins

## EXPERIENCE

### TCS - Tata Consultancy Services Ltd (Pune, India)

Dec 2015 - Jun 2018

**System Engineer, Role: Developer**

- Implemented **DAO pattern** with interfaces, persistence classes and POJOs to **decouple data access API and business services**
- Resolved bugs related to UI rendering and maintained log-based tracking mechanism with **log4j** and unit testing with **JUnit**
- Built **CI/CD pipeline using Jenkins** for build and deployment automation in Test/UAT - aiding development team to **deploy more than 20 times in a day**
- Integrated **Ansible** to configure multiple servers at once using playbooks, **eliminating redundant tasks**
- Involved in sprints/iterations planning, scrum meetings and maintained product backlog with **Kanban** following **Agile practices**

**Assistant System Engineer, Role: QA Analyst**

- Automated testing process of production data by developing macros **cutting testing time from 1 hour to 20 minutes**
- Constructed **SQL queries** to retrieve data with Microsoft SQL Server **speeding data retrieval by 30%**
- Experienced in STLC - from requirement analysis, test planning, test scripts development, test execution and defects reporting with **HP ALM/QC tool**

## ACADEMIC PROJECTS

### BlogP: Spring Boot, Spring Security, Swagger UI, Angular 8, MySQL

Spring 2020

- Assembled a full-stack web application to create a social news aggregation, web content rating, and discussion website
- Embedded JWT with Java Mail Sender for handling user registration, authentication and authorization
- Implemented Swagger UI for visualization of API endpoints and lombok annotations for Dependency Injection
- Designed web-services as RESTful APIs - consumed by front-end to build Single-Page-Application with Angular 8 framework

### PostIt: React, Redux, Firebase, Electron.js, Node.js

Fall 2019

- Introduced Google's Firebase platform for handling user authentication and managing database operations in real-time
- Incorporated Redux with React to encourage better architecture in addition with performance optimization
- Remodeled website to build a cross-platform desktop application by coordinating with Electron.js framework

### ICOs Rating Classification: Python, BeautifulSoup, Selenium, nltk, sklearn, keras, gensim

Spring 2019

- Classified ICOs ratings based on whitepapers text to collate reliable information assisting investors to make reasoned decisions regarding cryptocurrencies investments
- Scraped suited websites with Selenium web-driver to accumulate crucial data for about 4500 ICOs

### Pendikan: JavaScript, Node.js, Express.js, MongoDB, HTML, CSS

Fall 2018

- Developed an on-campus tutoring website to help connect students with appropriate tutors in need of academic support
- Established RESTful CRUD API to handle resources in database by employing Express.js and Node.js, and designed express-handlebars for the client-side operations
- Structured MongoDB collections for students, tutors and requests and managed course registration, requests generation scheduled meeting by assigning tutor as per availability

Available July 2020