

Tejas Patel

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Experience

Programmer Analyst (Java)

Jul. 2018 - Nov. 2019

MEDITAB SOFTWARE COMPANY

Ahmedabad, India

- Company develops software for US health care domain and have 2000 clients in USA.
- Implemented dashboard services that helps account team in billings and support team to identify critical condition at client-side utilities.
- Implemented features for new and existing micro services built using Spring framework, Spring Data and Hibernate, Google PubSub to establish communication between micro services, and implemented CI/CD pipeline using GitLab and Jenkins.
- Build REST APIs for central service hosted on Google Kubernetes Engine, using Spring framework and MongoDB database.

Skills

Programming JAVA, NodeJS, SQL, HTML5, CSS, REST API, TypeScript, Android, DSA, DBMS

Database MySQL, MongoDB

Framework Spring Framework, Hibernate, Express with NodeJS, Angular2+

Deployment Tool Git, Jenkins, Maven, Docker

Product Management Agile, Jira

Cloud Service Amazon Web Services, Heroku, Google PubSub, Azure App Service

Education

M.S. in Applied Computer Science (GPA: 4/4.3)

Jan. 2020 - Sept. 2021 (Anticipated)

DALHOUSIE UNIVERSITY

Halifax, Canada

- Awarded MACS Scholarship September 2020 for my excellent academic performance.

B.E. in Computer Engineering (GPA: 8.62/10)

Aug. 2014 - May. 2018

KSV UNIVERSITY

Gandhinagar, India

- Awarded tuition fee waiver from State Government for four years (2014-2018).

Projects

Group Formation Tool

Dalhousie University

SPRING BOOT | THYMELEAF | HEROKU | JAVA | JUNIT | GITLAB | GITFLOW | MYSQL

May. 2020 - Jul. 2020

- Developed a Spring Boot application that helps instructor and TAs of a course to create a survey and form groups of students based on responses of the survey.
- Primary focus of the project is to learn software engineering concepts and follow their best practices, e.g., SOLID principles, TDD, error handling, logging, clean code techniques, design patterns, refactoring, CI/CD using GitLab and Heroku and working in team by following Agile principles.

Track My Job

Dalhousie University

SPRING BOOT | ANGULAR2+ | HEROKU | JAVA | TYPESCRIPT | GITHUB | MYSQL | AWS RDS

May. 2020 - Jul. 2020

- Developed an Angular2+ front-end and a Spring Boot back-end applications with primary goal to help users to maintain their job applications and tasks, activities, and contacts related to each job applications. Secondary goals are blogs management, job search, job application analytics etc.
- Implemented CI/CD pipeline using GitHub and Heroku and mentored team members for designing database and developing Spring Boot application.

Meal Prep App

Dalhousie University

ANDROID | KOTLIN | MATERIAL DESIGN | GITLAB | FIREBASE

Jan. 2020 - Apr. 2020

- Developed an Android application to provide platform to share and discover new food recipes with ingredients and nutrition information.
- Goal of the project is to research our target audience and to provide easy-to-use UI/UX by following Nielsen Heuristic Principles and applying best practice of Android Material Design.

Surescripts Utility

Meditab Software Company

SPRING BOOT | HIBERNATE | GITLAB | JAVA | JUNIT | SYBASE | GOOGLE PUBSUB | JAXB

Apr. 2019 - Nov. 2019

- Implemented a health care utility to send and receive e-prescriptions (in XML based on given WSDL) to and from Surescripts, in a multi-tenant Spring Boot application.
- Working with cross-functioning teams to deliver reliable and efficient product within optimal time.
- Implemented CI/CD pipeline using GitLab and Jenkins and followed SOLID principles and TDD to implement the utility.

Extracurricular

- Secured 2958th all India rank in GATE 2018 exam among 200 thousand participants.
- Cleared Round 1 of TCS CodeVita Challenge (2016) by achieving rank in Top 5% out of approx. 83,000 teams.
- Actively participating competitive coding on Hackerrank and secured Gold badge in DS and Algorithm.