

KULDIP SAVALIYA

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Education

University of Texas at Arlington

Master of Science in Computer Science

August 2021 – May 2023

Arlington, TX

Dharmsinh Desai University

Bachelor of Technology in Information Technology

August 2016 – May 2020

Nadiad, GJ

Technical Skills

Languages and Databases: Java, Python, HTML/CSS, JavaScript, Bootstrap, MySQL, PostgreSQL, MongoDB, Sqlite

Developer Tools: Eclipse, IntelliJ, VS Code, Postman, Android Studio, Google Collab, Jupyter Notebook, GitHub, Git

Operating Systems/Frameworks: Linux, HTTP/S, Android, MAC OS, GitHub, JUnit, WordPress

Experience

Digimaze Marketing | *Full Stack Developer* | (Mumbai, MH)

July 2020 – June 2021

- Created an administration panel for purchasing agents, improving customer service by 90%. Involved in diverse web projects using HTML, CSS, JavaScript, and WordPress, and deployed code collaboratively in testing and production.
- Develop microservices using Spring Boot's built-in support for creating RESTful APIs. Utilized Spring Data JPA for interacting with the database, such as MySQL. Optimized queries by leveraging JPA's query optimization capabilities.
- Integrated code with multiple third-party marketplaces and payment APIs to provide seamless experiences for users. Applied Agile methodology; reported recommendations, errors, and progress in daily Scrum meetings.

Tracomo Pvt. Ltd | *Software Developer Intern* | (Ahmedabad, GJ)

December 2019 – May 2020

- Developed a facial recognition attendance system using the VGGFace model, achieving a 90% accuracy rate. Created a full-stack application using PyQt5 for interactive user interfaces and sqlite3 for data storage and retrieval.
- Utilized the CV2 Python module for video capture to collect user data and divide videos into frames per second. Implemented customized encryption and decryption algorithms using regular expressions from the in-built package.
- Collaborated with a team of four members and employed Git for task coordination, workflow, and version control.

Malgadi books | *Technical Lead & Manager* | (Nadiad, GJ)

January 2017 – February 2018

- Implemented optimization techniques using Java Spring Boot and CSS technologies to significantly enhance the performance of the Malgadi platform by over 50%.
- Utilized SonarQube to analyze and improve the quality and maintainability of the existing website code, Resulted in improved user experience and increased capacity to handle website traffic.

Projects

Parking Management System | *Java, Spring boot, MySQL*

- Developed a Spring Boot application with a web interface for a parking management system, Implemented the necessary endpoints and controllers in Spring Boot to handle user requests for parking management.
- Integrated a QR code scanning feature for a multi-level parking system, leveraging Spring Boot's capabilities, Utilized Spring Boot's auto-configuration, dependency management to ensure accurate detection of parking spots.
- Integrated the Google Maps API with Spring Boot to enable precise mapping and storage of latitude and longitude coordinates of ground-level parking spots in a MySQL database.

Go Car System | *Java, Javascript, Postman*

- Developed a web-based application as part of a 3-member team for the Student Start-up Innovation Policy competition.
- Enabled users to easily log in, register, and book a car for an adventure trip through the application, Utilized JavaScript for the front-end development, creating an intuitive and user-friendly interface.
- Employed Spring Boot and Postman for the back-end development, implementing robust and efficient server-side functionality, Designed and implemented REST APIs to validate payments and detect fraudulent transactions.

Campus Marketplace System | *HTML, CSS, PHP, MySQL*

- Implemented a marketplace using HTML, CSS, and Bootstrap, targeting users of 1000+ on-campus buyers and sellers.
- Developed a chat function using Node.js, allowing users and business owners to join chat rooms by providing a room ID.
- Handled backend operations using PHP and Laravel framework, utilized MySQL for data storage within the application, Created a reliable WordPress plugin for the blog page, enhancing functionality and improving user experience.

Leadership / Extracurricular

- Represented college in a state-level Hackathon program – 2019 securing 3rd position.
- Certified CCNA (Cisco Certified Network Associate) engineer by cisco – 2019.