

RIDHAM MEHTA

Full Stack Developer

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India

Summary

As a proficient software engineer, I bring a strong foundation in full-stack development, emphasizing Java, ReactJS, and JavaScript, alongside a burgeoning passion for Android development with Kotlin and Jetpack Compose. My experience ranges from leading software projects as a Project Coordinator to hands-on development as a Frontend Intern, showcasing my ability to deliver scalable, user-centric software solutions. I am committed to continuous learning, as evidenced by certifications in Big Data, Machine Learning, and Python for Data Science, and personal projects that reflect my adaptability and drive to master new technologies. With proven leadership skills and a collaborative spirit, I aim to leverage my expertise in a dynamic Android development role, contributing to innovative projects that prioritize high-quality user experiences.

Experience

Potent Global Solutions

Software Engineer

08/2023 - Present

Tech-Stack (Angular JS , Java , Kotlin , Python , PostgreSQL)

- Architected and developed a complete Shift Management System enabling shift creation using only start and end time without date dependency. Implemented strict overlap validations and ensured total shift duration never exceeds 24 hours. Designed scheduling UI for assigning teams with a smart copy mechanism to replicate schedules across dates, significantly reducing manual operational effort. Built an Operator Punch interface with dynamic dropdown filtering, auto shift detection for present date, and Date of Birth authentication validation before punch acceptance.
- Designed and implemented the Connectivity Menu in WatchTower to support industrial IoT integrations. Configured multiple datasource protocols including OPCDA, OPCUA, Modbus, and Siemens S7. Developed Tag Management for grouping tags to datasources and implemented Data Storage Mapping defining how SCADA/PLC device data is persisted into respective databases for monitoring and analytics.
- Core engineer behind PGSSConnect, a digital platform for Gram Panchayats. Developed complex Excel bill extraction logic, bill upload workflows, and broadcast messaging to villagers from a single interface. Engineered real-time chat architecture using WebSockets and Webhooks for live message tracking. Integrated PayU and BillDesk payment gateways enabling villagers to pay tax bills digitally via mobile/WhatsApp, eliminating manual door-to-door collections.
- Led development of PartsPlex (Canada) consisting of Admin Panel and E-commerce platform for automobile parts inventory. Integrated Moneris payment gateway for card transactions. Designed a critical discount engine prioritizing part-specific, customer-specific, and repair-shop flat discounts. Implemented real-time inventory validation after successful payment to prevent out-of-stock failures. Mentored and led a team of 4 developers.
- Developed AutoPlex Invoice Parsing System using AI prompt engineering to extract structured data from multiple invoice formats and store meaningful structured data for operational use, significantly improving invoice handling accuracy.
- Architected and led CFC Platform introducing Dynamic Forms and Dynamic Arrays powered by Strapi CMS and Angular, where adding a new service in Strapi automatically reflects in frontend UI. Built franchise wallet system, operator assignment workflow, and complete service request lifecycle for PAN, ITR, Aadhaar, and Insurance services.

AlphaBI

Project Coordinator

01/2023 - 05/2023

Tech-Stack (ReactJS , NextJS , Node JS , Express JS , MongoDB)

- Developed Software Consultancy Project and hosted on netlify.
- Lead project management for various full-stack software development projects.
- Conducted quality control checks to ensure that deliverables met client expectations.
- Prepared project status reports and provided regular updates to Team.

AlphaBI

Frontend Development Intern

05/2022 - 06/2022

Tech-Stack (HTML , CSS , Javascript)

- Designed and developed a portfolio website to showcase work.
- The frontend developed with creating responsive and visually appealing user interface for project.
- Worked with the team to implement design concepts and improve website functionality.
- Conducted testing and debugging to ensure website performance and stability.
- Gained valuable experience in a professional software development environment.

Education

Gujarat Technological University Ahmedabad

Computer Science and Engineering

06/2019 - 05/2023

SBEM

Secondary and Higher Secondary Education

2019

Skills

Programming Languages: NextJS , Advance Java , React JS , Javascript , Tailwind CSS , Java , HTML , Angular JS , Python , Typescript

Database Management Systems: PostgreSQL

Version Control: Git and Github

DevOps & CI/CD: GitLab CI/CD Pipeline Scripting , Deployment Basics , Build & Release Automation (Learning)

Projects

Simple Note-Taking App (Android)

Tech Stack (Android Studio, Kotlin, Jetpack Compose)

- Developed a simple, user-friendly note-taking Android app as part of my transition into mobile development. Implemented using Kotlin and Jetpack Compose to create a responsive and intuitive user interface. Focused on learning the basics of Android app development, including state management, UI components, and app architecture.

Software Consultancy Web-app

Tech-Stack (React JS)

- I designed and developed software consultancy website that showcases the expertise and experience in delivering innovative software development services.

Personal Portfolio Project

Tech-Stack (HTML , CSS , Javascript)

- Personal portfolio sites are consistent that need to be taken care of throughout your work. It gives a convenient way for potential clients to view your work while also letting you expand on your skills/experiences and services.

Object Detection

Tech Stack (Flutter , Dart)

- Created a project “Object detection” under Dart using Flutter, that was done in Design Engineering Course in our college in 2022

Training / Courses

Google Cloud Big Data and Machine Learning Fundamentals

Production Machine Learning Systems

Feature Engineering

TensorFlow on Google Cloud

Python For Data Science (NPTEL)