

Utsav Desai

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OBJECTIVE

Full Stack Developer & DevOps Specialist with 2+ years' experience building scalable MERN applications and deploying to the cloud with Docker and CI/CD. Proven ability to design performant systems and deliver impactful features fast. Now seeking opportunities to contribute at a world-class tech company where innovation and engineering excellence are key.

TECHNICAL SKILLS

- **Programming Languages:** C/C++, JavaScript, HTML, CSS, JSON, Sass
 - **Frontend:** React.js, Next.js, PWA, Styled Components, Tailwind CSS, Material Design (MUI), Ant Design
 - **Backend:** Node.js, Express.js, NestJS
 - **Databases:** MongoDB, PostgreSQL
 - **DevOps & Cloud:** Docker, AWS EC2, GCP, Jenkins (CI/CD)
 - **Tools:** GitHub, Postman, Visual Studio Code, Jira, Slack
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PROFESSIONAL EXPERIENCE

Full Stack Web Developer

Softrefine Technology Pvt Ltd. | Jun '23 - Present

- **Led development and deployment** of scalable **MERN-stack applications**, enhancing performance and reducing load times by **40%**.
- Designed and implemented **intuitive, responsive UIs** with **React.js**, boosting user engagement by **25%**.
- Built and scaled robust backend services using **Node.js** and **NestJS**, with seamless **MongoDB** and **PostgreSQL** integration.
- Engineered and maintained **CI/CD pipelines** using **Docker**, **Jenkins**, and **AWS EC2**, cutting deployment time by **30%** and improving release stability.
- Collaborated in **cross-functional Agile teams**, ensuring on-time delivery of features and quick iteration on feedback.
- Developed **secure authentication workflows** using **JWT** and **role-based access control**, improving platform reliability and data protection.
- **Built and deployed a Django-based MVP product** to validate business goals and streamline early-stage development.

Full Stack Developer Intern

WebEarl Technologies Pvt Ltd. | May '22 - Jun '22

- **Implemented interactive features for Flutter applications**, improving user engagement by 20%.
- **Developed RESTful APIs with Node.js** to handle data flow efficiently for mobile applications.
- **Utilized responsive design principles** to ensure seamless performance across different device types.

PROJECTS

Effortless Question Paper Generation Platform

- Designed and developed a full-stack SaaS platform enabling educators to **generate customizable question papers** in minutes, reducing manual workload by **80%**.
- Built a curated library of questions with **smart filtering** (by difficulty, topic, exam type) and dynamic **mark distribution customization**.
- Enabled **one-click generation** of printable papers (PDF) and real-time **sharing with students and teachers** for enhanced collaboration.
- Built an **admin dashboard** for managing users, questions, and usage analytics.
- Deployed scalable infrastructure using **Docker**, **AWS EC2**, and **AWS S3** for file storage.
- Resulted in **increased productivity for educators**, with adoption across multiple institutions.

AI-Powered Image Processing & Data Management System

- Built an **AI-powered chatbot** using FlowXO and OpenAI OCR for automated image data extraction.
- **Deployed the backend on GCP**, ensuring scalable and high-performance operations, and integrated with Google Sheets and PostgreSQL for data storage.
- **Reduced data processing time by 40%** through optimization of backend APIs and image classification workflows.

Financial & Last-Mile Delivery Optimization Platform

- Built a **PWA for delivery riders across Southeast Asia**, enabling earnings tracking from platforms like Grab and Ninja Van.
- Integrated **financial insights and chatbot support** with React.js and Redux, enhancing the app's value for over 1,000 daily users.
- **Improved user retention by 15%** by adding features for social media integration and growth insights.

Salesman Tracking & Performance Monitoring System

- Developed a **full-stack solution** with real-time tracking of salesman activities using Socket.io.
- **Implemented automated location discrepancy alerts**, increasing data accuracy and preventing 30% of manual errors.
- Deployed on **AWS EC2**, utilizing Docker for scalable and efficient application performance.

End-to-End CI/CD Pipeline for Maven Project Deployment

- Created a **CI/CD pipeline** with Jenkins, Docker, and AWS EC2, automating deployments, testing, and image pushing.
- **Reduced deployment time by 50%**, ensuring a quicker release cycle and better integration efficiency.

EDUCATION

BTech in Information Technology

Charotar University of Science and Technology, Anand | CGPA: 9.42 (2020 - 2024)

ACHIEVEMENTS

- **Finalist** - Azadi Ka Amrit Mahotsav Hackathon 2022 (SSIP Initiative)
- **Finalist** - Smart India Hackathon 2022 (World's Largest Open Innovation Model)