JAIMIN YOGESHBHAI RAVAL

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SUMMARY

A skilled engineering student with a strong focus on cloud computing, specializing in AWS, Microsoft Azure, and Azure DevOps, and currently a GDG Cloud Core Team member. Experienced in full-stack and web development, backend engineering with Express, cross-platform app development using Flutter, and cybersecurity fundamentals with Kali Linux, delivering secure, scalable, and cloud-native solutions.

PROFESSIONAL EXPERIENCE

Internship, S3CloudHub IT Technologies : Link   Jan 2025 - March 2025

- Led end-to-end development of an online gambling app, contributing 50% to the Flutter frontend, managing frontend/backend teams, and deploying a high-performance Node.js– Express backend on DigitalOcean for Play Store and web.

Internship, Peakenza Software Services :   November 2025 - December 2025

- Delivered critical enhancements to enterprise MS Teams platform in 1 month: redesigned user interface, implemented advanced Flowise AI chatbot with search and redirect functionality, configured custom AI workflows, optimized AWS Lambda APIs.

GDG Cloud Core Team Member :   September 2025 – September 2026

- Led the Cloud Study Jams month-long program, guiding participants through Google Cloud fundamentals, labs, and certifications while supporting the community's cloud learning journey.

MAJOR PROJECTS

AuditGuard : Event-Driven AWS Audit & Compliance Monitoring System :

- Designed and implemented a serverless system to monitor AWS activities in real time using CloudTrail, EventBridge, and AWS Lambda.
- Automated compliance checks for security misconfigurations and stored centralized audit logs in DynamoDB with instant alerts via Amazon SNS.
- Built a web dashboard using API Gateway and S3 to visualize user actions, compliance status, and audit history.

Automatic License Plate Recognition System (ALPRS) :

- Developed an Automatic License Plate Recognition (ALPR) system using YOLOv5 for plate detection and OpenCV + Tesseract OCR (LSTM) for accurate character extraction.
- Implemented image preprocessing and regex-based validation optimized for Indian license plate formats to improve recognition accuracy.
- Completed as a Major Project under the "Introduction to Research and Methodology" course, following a structured research and experimentation approach.

Trexo : A unified marketplace for second-hand vehicles and property :

- Designed the system and cloud architecture for Trexo, a unified marketplace for second- hand vehicles and property with admin verification and smart filtering.
- Developed a scalable backend using Node.js, Express.js, and TypeScript, integrating MongoDB and AWS S3 for secure data and image storage.
- Implemented DevOps and cloud workflows using Azure DevOps CI/CD and DigitalOcean hosting to ensure reliable deployment and scalability.

ACHIEVEMENTS

AWS Certified Cloud Practitioner : Link   **February 2026**

- Earned industry-recognized certification validating foundational knowledge of AWS Cloud concepts, core AWS services, security, architecture principles, pricing, and billing.
- Demonstrated practical understanding of cloud deployment models, IAM, networking basics, and AWS best practices aligned with real-world cloud environments.

SKILLS SUMMARY

- **Languages/Technologies:** C, C++, Python, MERN Stack(MongoDB, Express.js, React, Node.js), Next Js, Flutter, Azure, AWS, Azure DevOps, Docker
- **Platforms & Tools :** Git/GitHub, VS Code, Android Studio, Figma, Canva, Intellij IDEA
- **Soft Skills :** Content Creation, Team Collaboration, Leadership

EDUCATION   **July 2023 - May 2027**

B.Tech in Computer Science Engineering

CHARUSAT University : DEPSTAR Institute

- Currently pursuing B.Tech in Computer Science Engineering with a GPA of 8.6.