

RAVINDRA YADAV

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SUMMARY

Full Stack Engineer and final-year Computer Science undergraduate with hands-on experience building production-ready AI-integrated web applications using React, Node.js, and REST APIs. Proven ability to rapidly prototype and ship full-stack products end-to-end, including a GenAI resume analysis platform with JWT authentication, PDF generation, and LLM API integration. Skilled in JavaScript/TypeScript, MySQL, and modern CI/CD workflows, with a track record of delivering user-facing features that directly improve outcomes.

EXPERIENCE

Google Cloud Skills Boost | *Cloud & DevOps Intern* | Remote | Jan 2026 – Present

- Completed 10+ hands-on labs deploying workloads on Compute Engine and Cloud Storage, gaining practical AWS-equivalent skills in cloud resource management and IAM policy configuration.
- Implemented role-based access control patterns across cloud projects, reinforcing security best practices consistent with GDPR data-handling requirements.
- Configured and monitored cloud infrastructure health dashboards, reducing manual oversight time by an estimated 30% through automated logging and alerting workflows.

BIT Durg – Smart Manufacturing Lab | *IoT Prototyping Intern* | Durg, India | Jun 2025 – Aug 2025

- Designed and fabricated 3+ functional hardware prototypes using ESP32 microcontrollers, CNC machines, and 3D printing tools within rapid 2-week iteration cycles.
- Integrated real-time IoT sensor data pipelines into embedded systems, achieving sub-500ms data collection latency for device monitoring dashboards.
- Delivered a working home automation prototype that reduced manual device control tasks by ~60%, validated through user testing with 5 participants.

EDUCATION

B.Tech in Computer Science | Shri Shankaracharya Technical Campus | Expected June 2027

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Web Technologies, Computer Networks

SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C++, HTML, CSS, SQL

Frameworks & Libraries: React, Next.js, Node.js, Spring Boot, Tailwind CSS, REST APIs, GraphQL

Databases: MySQL, PostgreSQL, MongoDB, DynamoDB

Cloud Platforms & DevOps: Google Cloud Platform (GCP), AWS (Compute Engine, Cloud Storage, IAM), Docker, GitHub Actions, CI/CD pipelines

AI / LLM Integration: Gemini API, Claude API, GPT API, LLM evaluation, prompt engineering, microservices architecture

Tools: Git, Postman, JIRA, WebSocket, JWT, Puppeteer, Agile/Scrum, Cursor AI

PROJECTS

PrepMate – AI Resume & Interview Coach (*React, Node.js, Gemini API, JWT, Puppeteer, MySQL*)

- Designed and shipped a full-stack GenAI web application that analyzes user resumes, detects skill gaps, and auto-generates ATS-optimized resumes and role-specific interview questions — reducing manual prep time by an estimated 70%.
- Integrated the Gemini LLM API for qualitative and quantitative content evaluation, implementing JWT-based secure authentication and PDF generation pipeline using Puppeteer for 100+ document exports.

Home Automation System (*ESP32, NodeMCU, IoT Sensors, REST APIs, WebSocket*)

- Developed an end-to-end IoT home automation platform enabling remote device control with real-time data collection via WebSocket, cutting manual device interactions by ~60%.
- Implemented automated response logic and a user-friendly dashboard interface, supporting 5+ simultaneous device integrations with sub-500ms response latency.

CERTIFICATIONS

- Claude Code 101 – Anthropic
- Career Essentials in Software Development – Microsoft & LinkedIn
- Programming Foundations: Fundamentals – LinkedIn Learning
- Python Developer – LinkedIn Learning
- Google Cloud Skills Boost – Compute Engine, Cloud Storage, IAM Labs