

RUTHVIK A

AI-Integrated Full-Stack Developer

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PROFESSIONAL SUMMARY

AI-Integrated Full-Stack Developer with hands-on internship experience at ASPL (Bengaluru), where I delivered 8+ production-grade web applications end-to-end using AI-assisted development workflows. Proficient in embedding LLM capabilities, AI automation (n8n, Prompt Engineering), and Generative AI into real-world products. Builds with React.js, Next.js, Node.js, Flask, and PostgreSQL — leveraging GitHub Copilot, Cursor AI, Claude Code, and ChatGPT to accelerate delivery. Proven track record in client handling, cross-functional team coordination, and full project ownership in Agile environments.

TECHNICAL SKILLS

AI & Dev Automation: GitHub Copilot, Cursor AI, Claude Code, Claude API, OpenAI API, Prompt Engineering, n8n Automation, Generative AI, NLP, LangChain (basics), OpenCV, RAG (basic)

Frontend: React.js, Next.js 14, HTML5, CSS3, Tailwind CSS, Bootstrap, JavaScript (ES6+), GSAP, Framer Motion

Backend: Node.js, Flask, RESTful APIs, NextAuth.js, PyJWT, bcrypt, Zod, Nodemailer

Databases & ORM: PostgreSQL, MySQL, MongoDB, Firebase, Prisma ORM, SQLAlchemy

Cloud & DevOps: AWS (EC2, S3, IAM, VPC, Route 53, CloudWatch), Docker, Linux, Git, GitHub, Netlify, Jenkins

Tools & Practices: Jira, VS Code, Agile/Scrum, SDLC, Manual Testing, Figma, Excel/xlsx, CodeRabbit

WORK EXPERIENCE

ASPL | Software Development Intern | Bengaluru

Nov 2025 – Mar 2026

- Led AI-assisted development across 8+ client projects using GitHub Copilot and Cursor AI, cutting average feature delivery time by ~30% and achieving 100% on-time project handoffs.
- Engineered RVTS (researchvisions.com) — a full-stack monorepo SaaS platform using Next.js 14, Prisma ORM, and PostgreSQL, with GSAP animations and a secure admin dashboard; integrated AI-powered content automation for SEO optimization.
- Built AIM Model (aimmodel.in) — a premium dark-themed portfolio with video carousel hero, DOM-driven sliders, and mobile-first responsive layout; used Prompt Engineering to generate and refine design copy and UI logic.
- Deployed production projects for Suraksha Hospital, RVTS, Blue Mind Surf School, AK Enterprise, and Easy Home on Hostinger Linux VPS using Nginx; set up n8n automation workflows for lead capture and notification pipelines.
- Coordinated a cross-functional team of 3–4 developers, conducting AI-assisted code reviews using CodeRabbit, task allocation, and sprint planning.

UTL Technologies | Cloud Infrastructure Intern | Bengaluru

Sept 2024 – Nov 2024

- Configured AWS (EC2, S3, VPC, IAM) to support AI/ML-based deployment pipelines; automated cloud workflows via shell scripting, reducing manual deployment steps in Agile environment.

PROJECTS

HRMS — Human Resource Management System (AI-Enhanced)

- Built a full-stack HRMS with React.js and Flask, fully digitizing onboarding and attendance workflows; integrated AI-assisted data validation and anomaly detection on leave patterns using Python ML utilities.
- Implemented secure RBAC with PyJWT and bcrypt; designed dashboards with TailwindCSS and Recharts for HR analytics and leave insights.
- Engineered RESTful APIs with SQLAlchemy ORM on PostgreSQL, optimizing multi-table queries for user profiles, attendance, and leave records.

Employee Attendance System — Face Recognition (IoT) [Live]

- Built an edge-cloud attendance system on Raspberry Pi using Python, OpenCV, Picamera2, and Firebase Firestore with real-time, server-independent 128-dimensional facial recognition — a production AI computer vision deployment.

AWS 3-Tier Architecture Deployment

- Architected a production-grade 3-tier application on AWS (EC2, S3, Route 53, IAM, custom VPC), implementing Security Groups, CloudWatch alarms, and Apache/Nginx on Linux for high-availability monitoring.

Task Management App — Flutter Mobile Application [Live]

- Cross-platform Flutter + Dart app with Firebase Auth, Firestore real-time sync, role-based views, and Firebase Cloud Messaging push notifications for multi-device task management.

EDUCATION

Bachelor of Computer Applications (BCA) | CGPA: 8.5
Community Institute of Commerce & Management Studies, Bengaluru

Sept 2023 – Aug 2025

CERTIFICATIONS & ACHIEVEMENTS

- AWS Cloud Practitioner — Certified, Amazon Web Services
- AWS Cloud Computing Badge — Amazon Web Services
- Generative AI Badge — Amazon Web Services
- Awards: IT Quiz Winner, IT Manager Award, Photography Award — CICMS College Fest

LEADERSHIP & SOFT SKILLS

Client Handling: Managed end-to-end client communication for 5+ clients — translating business requirements into technical deliverables with AI-accelerated prototyping and smooth project sign-offs.

Team Leadership: Led a team of 3–4 developers at ASPL; handled task delegation, AI tooling onboarding, code reviews, and sprint delivery.

Event Management: Organized 4 major college fest events (Hackathon, Treasure Hunt, Photography, Tech Charades) managing 100+ student participants end-to-end.