Suraj Kumar Subudhi

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Professional Summary

AI programmer and full-stack developer delivering ATS platforms, machine-learning pipelines, and scalable REST APIs. Architected and deployed services on Azure ML, App Service, Functions, and Blob Storage with Docker and CI/CD. Implemented resume parsing, JD matching, interview scheduling, and fraud screening that cut recruiter effort by around 40% and supported 100+ users. Integrated React/Next.js frontends with model serving, hardened APIs with logging, monitoring, and access controls, and mentored juniors to improve delivery speed. Focus on performance, security, and measurable outcomes.

Experience

Associate AI Programmer, Rational IT Services   *Aug 2025 – Present*

- Led Phase-1 launch of an enterprise ATS platform (resume parser, JD matcher, interview scheduler bot, fraud checker) adopted by 100+ recruiters and candidates.
- Engineered and deployed secure REST APIs on Azure (Azure ML, App Service, Functions) with centralized logging and metrics; increased throughput 30% and reduced manual steps 40%.
- Containerized and automated releases with Docker and Git-based CI/CD, cutting deployment time 25% and enabling safe rollback.
- Integrated ML services with React/Next.js applications and aligned scope with product and operations, improving internal recruiter satisfaction scores by 25%.
- Mentored interns and junior developers on API contracts, testing, and observability, accelerating onboarding by 30%.

Machine Learning Intern, NSTL – DRDO, Visakhapatnam   *Dec 2023 – Jan 2024*

- Developed a regression pipeline for underwater drag estimation; achieved 94% accuracy on 1,000+ simulations.
- Optimized features and parameters to improve prediction accuracy by 17%, accelerating naval validation workflows.
- Documented methods and results for the research team to support follow-on modeling efforts.

Projects

AI Interview Web App

- AI Interview tool that generates role-specific questions and provides real-time voice feedback across 100+ job roles.
- Integrated Gemini AI for instant evaluation; delivered feedback to 100+ users, improving preparation speed by about 50%.
- Built with React, Next.js, and Drizzle ORM; authentication via Clerk; deployed on Vercel with under 1 s initial load.

Education

C.V. Raman Global University — B.Tech, Artificial Intelligence & Data Science   *Aug 2021 – May 2025*

- CGPA: 8.54/10.0

College of Basic Science and Humanities — Higher Secondary   *Jun 2019 – May 2021*

- Percentage: 87%

Shree Krishna International School — Secondary   *Apr 2017 – Mar 2019*

- Percentage: 84%

Certifications & Achievements

Microsoft Certified: Azure Fundamentals (AZ-900)

- Score 952/1000; covers cloud concepts, Azure services, governance, and cost management.

Naukri Campus Aptitude Test (NCAT)

- All India Rank 178 (Top 0.5%) among engineering candidates nationwide.

Technical Skills

Programming: Python, Java, JavaScript, SQL
Cloud: Azure ML, App Service, Functions, Blob Storage
Frameworks/DBs: React, Next.js, Node.js, Express.js, TensorFlow, MongoDB, MySQL
DevOps: Git, Docker, CI/CD, Agile/Scrum
Expertise: Machine Learning, Deep Learning, NLP, Data Visualization, REST API Development, Scalable Web Applications