

Aman Kumar

Software Engineer

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GITHUB | LINKEDIN | PORTFOLIO | LEETCODE

EDUCATION

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY

B.TECH COMPUTER SCIENCE AND ENGINEERING

GPA: 8.0

Sept 2024 - Sept 2028

Lucknow, Uttar Pradesh, India

EXPERIENCE

INFYSKILL EDUTECH PVT LTD | SOFTWARE DEVELOPER

2025-01-01 – Present

Vishakhapatnam, Andhra Pradesh, India |

- Built and maintained **microservices and multi-tenant backend systems**, focusing on scalability, resilience, and data isolation.
- Integrated **payment gateways** and developed full-stack features using Python and JavaScript.
- Applied **NLP, Machine Learning, and Generative AI** to build intelligent features and automation workflows.
- Contributed to **Web3 and decentralized applications (dApps)** alongside full-stack development.

SKILLS

PROGRAMMING LANGUAGES

LIBRARIES/FRAWORKS

TOOLS / PLATFORMS

DATABASES

Javascript, Typescript, Python, Java, Go

React, Next.js, Node.js, Express.js, FastAPI, PyTorch, Hugging Face, Transformers, Scikit-learn

Git, GitHub, REST API, Docker, Linux, Microservices

MongoDB, PostgreSQL, SQL

PROJECTS / OPEN-SOURCE

CODEPAD ONLINE CODE EDITOR & RUNNER | LINK

Next.js, Node.js, Code Execution

- Built a **multi-language online code editor and execution platform** supporting code submission, execution, and runtime output.

MOODSENSE AI | LINK

NLP, FastAPI, Machine Learning, Docker

- Built an **emotion detection and personalized recommendation system** with confidence scoring, containerized deployment, and monitoring.

TRUST-AWARE AI DECISION SYSTEM | LINK

Python

- Developed a **human-in-the-loop AI decision system** with risk-based human review; featured in a Japanese publication.

PODVOICE AI PODCAST GENERATOR | LINK

Python, Shell, PowerShell

- Built an **offline AI podcast generator** using XTTS with CLI and GUI interfaces for local audio generation.