

AVEECK KUMAR PANDEY

SOFTWARE ENGINEER | FULL-STACK, BACKEND, AWS & AI AUTOMATION

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Education

SRM Institute of Science and Technology

CGPA: 8.42 / 10

B.Tech in Computer Science and Engineering (Jun 2022 - May 2026)

Work Experience

Roster (Creator-Economy Marketplace)

Jun 2026 - Present

Junior Software Engineer - Analytics & Automation (Contract)

Remote

- Partnered with leadership and support stakeholders to create a Retool/MySQL dashboard with 7+ live views for acquisition funnels, revenue, attribution, geography, and MAU.
- Owned end-to-end SQL attribution across 5+ acquisition channels and reconciled revenue discrepancies to improve reporting consistency.
- Led deployment of 3 n8n workflows on AWS EC2/Docker, including a 47-node LLM support system with Slack drafting and human approval.

Rise Against Hunger

May 2025 - Jun 2025

Frontend Developer Intern (React) | CSR Volunteer

Bengaluru, India (Onsite)

- Implemented responsive React interfaces by collaborating with warehouse stakeholders, improving inventory visibility and operational workflows.

Projects

Yafa-VANAM - Beauty E-Commerce Platform



Next.js, React, TypeScript, Go, PostgreSQL, Redis, Docker, AWS (EC2, S3, CloudFront, Lambda, SQS, Cognito)

- Shipped a full-stack beauty e-commerce platform with 9+ customer experiences: catalog discovery, search, variants, quick shop, cart, accounts, contact flows, and a personalized kit builder.
- Architected a Go commerce API with server-authoritative validation for pricing, inventory, variants, cart quantities, pending orders, and idempotent requests.
- Secured purchase flows with authentication gating, bcrypt, JWT cookies, CSRF, Google OAuth, Redis token rotation, rate limiting, CORS, security headers, and ownership checks.
- Defined AWS architecture using Route 53, CloudFront, S3, ALB, private EC2, Auto Scaling, Cognito, Lambda, SQS, IAM, Secrets Manager, CloudWatch, WAF, and SES.

HopeBox - QR-Based Inventory Management for NGOs



React Native, Expo, Firebase Firestore, Firebase Auth, QR Code Scanning

- Developed a cross-platform warehouse app in collaboration with NGO field teams, adding QR box tracking, real-time Firestore updates, shortage detection, and planning dashboards.
- Enforced Stored, Dispatched, and Returned inventory states with atomic Firestore transactions; enabled secure multi-user access and reduced manual tracking by about 70%.

SynchroAI - AI-Powered Career Strategist



Next.js, Gemini API, LangChain, Chrome Extension

- Launched an AI Chrome Extension used by 20+ beta users for LinkedIn optimization; served 5+ REST API endpoints with sub-300 ms responses.
- Orchestrated 3-step LangChain reasoning pipelines, improving resume-to-job alignment by 30%.

NeuroXAI - Explainable Clinical AI Screening



FastAPI, Next.js, SHAP, scikit-learn

- Validated an explainable chronic-disease screening platform with 25+ healthcare professionals, surfacing model confidence and SHAP feature contributions.

Technical Skills

Go, TypeScript/JavaScript, Python, SQL, Java, C++; Next.js, React, React Native, Expo, FastAPI, REST APIs; PostgreSQL, Redis, MySQL, MongoDB, Firebase Firestore, ChromaDB, Qdrant; AWS EC2, S3, CloudFront, Lambda, SQS, Cognito, IAM, CloudWatch; Docker, Git, GitHub Actions; LangChain, LangGraph, RAG, n8n, Prompt Engineering, Gemini, SHAP; Horizontal Scaling, Load Balancing, Idempotency, Rate Limiting, Stateless APIs; Retool, Power BI, Pandas, NumPy

Certifications

- NPTEL Cloud Computing (ELITE) - IIT Kharagpur, 2025.
- Oracle Cloud Infrastructure AI Foundation Associate (2024).