Avinash Kumar Ankur

Full Stack AI Developer

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Professional Summary

Software Developer and Computer Science student skilled across the **software development life cycle**: application development, backend development, and software testing. Experienced building scalable web applications, AI-powered systems, and production backend services with **TypeScript, Python, Next.js, React.js, Node.js, FastAPI, PostgreSQL, Redis**, deployed via **AWS and Vercel**. Built distributed AI evaluation infrastructure, real-time AI meeting apps, and auth workflows serving **100+ users**.

Technical Skills

Languages & Frontend: JavaScript, TypeScript, Python, Java, React.js, Next.js, Tailwind CSS, TanStack Query.
Backend & Databases: Node.js, Express.js, FastAPI, WebSockets, tRPC, JWT, PostgreSQL, MongoDB, Redis, Prisma, Drizzle ORM, BullMQ.
AI/ML & LLMs: OpenAI, Anthropic, Gemini, LLM APIs, RAG, LLM evaluation, LLM-as-a-judge, Pydantic.
Cloud, DevOps & Tools: Git, GitHub, Docker, AWS (EC2, S3), Vercel, Linux, Inngest, uv, SDLC, Software Testing.

Professional Experience

Uzski Corp. **Mar 2026 – May 2026**
Software Development Engineer - Intern *Remote*

- Led full-stack integration across the main app, backend, and seller dashboard, implementing cross-app SSO, OAuth redirect persistence, and HTTP-only cookie authentication for a seamless multi-product login experience.
- Modernized the seller dashboard by revamping navigation, responsive layouts, design-system components, and seller workflows across products, discounts, analytics, payouts, reviews, and settings.
- Developed and integrated REST APIs using FastAPI and TypeScript, modifying MySQL-backed authentication workflows including login, signup, and OTP retry handling across two production applications serving 100+ users.

Featured Projects

AuditItIn: Financial Filing Analysis Live | GitHub
Personal Project – 2026

- **Tech Stack:** React, TypeScript, Vite, React Flow, Python, FastAPI, NetworkX, Neo4j, PyMuPDF, LLM APIs.
- Built a platform that turns financial PDF filings into a causal knowledge graph of metrics, tables, and disclosures.
- Built a PDF ingestion pipeline (PyMuPDF, pdfplumber) that extracts balance sheets, income and cash flow statements as background jobs.
- Engineered hybrid BM25 + multi-hop graph retrieval, streaming answers with page-level citations over SSE.
- Designed pluggable graph storage (NetworkX, Neo4j) and a multi-provider LLM client with a no-API-key offline mode.

MeetMind - AI Meeting Assistant Live | GitHub
Personal Project – 2026

- **Tech Stack:** Next.js (App Router), TypeScript, tRPC, PostgreSQL (Neon), Drizzle ORM, Stream Video, OpenAI, Inngest, Vercel.
- Built a video meeting platform where an AI agent joins calls, listens, and responds in real time using OpenAI APIs.
- Automatic transcription, recording, and post-meeting summaries generated from full call context with 95% accuracy.
- Designed background job pipelines to parse transcripts and generate summaries, reducing manual note-taking by 60%.

Evalbench: AI & LLM Evaluation Platform GitHub
Personal Project – 2026

- **Tech Stack:** Python (Asyncio), PostgreSQL, Redis, LLM APIs (OpenAI, Anthropic, Gemini), Pydantic, Click, uv.
- Engineered an AI benchmarking platform for automated performance evaluation and regression testing of Gen AI models and RAG pipelines.
- Architected a distributed execution system using Redis for async job orchestration and PostgreSQL for high-throughput, persistent metrics storage.
- Built a modular, YAML-driven registry integrating major LLM providers with custom scoring metrics, including LLM-as-a-judge.

GDG Recruitment Platform Live | GitHub
Volunteer Project – 2026

- **Tech Stack:** Next.js, Tailwind CSS, Prisma, PostgreSQL, Vercel, Node.js, Express, JWT, REST APIs, Docker, AWS.
- Developed a recruitment platform for GDG onCampus JSSATEN, streamlining new-member applications.
- Handled over 300 applicant submissions during the latest recruitment drive, significantly improving efficiency compared to traditional forms.
- Implemented authentication and role-based access control from scratch, enhancing security and user management.

Awards & Achievements

- NASA Space Apps Hackathon 2024 – **Second Runner-Up**, awarded for developing CarbonQuest, a Next.js platform that helps reduce daily carbon footprint by approximately 40%.

Volunteering

Google Developer Groups on Campus, JSSATEN **2023 – Present**
Team Member | Web Developer

Education

JSS Academy of Technical Education **Expected Oct 2027**
B.Tech in Computer Science and Engineering (AI/ML) *Noida, Uttar Pradesh (201301)*