

Amogh Sunil

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SKILLS

Programming Languages

Python, C/C++, Java, JavaScript, TypeScript

Web Development

TypeScript, Bun, Next, T3Stack, MERNStack, PostgreSQL, TailwindCSS

DevOps

Docker, Git, Bash

Add-ons

Cryptography, Markdown, Solving 250+ DSA Problems

Soft Skills

Product Management, Collaboration and Communication

EXPERIENCE

Junior Associate, Arcio Live

09/2025 – Present

- Full Stack Junior Associate at ARCIO LIVE, a new social streaming platform for gamers and creators; ship features across Next.js/React and Node APIs, optimize Prisma/PostgreSQL, improve p95 latency, and harden auth/CI for reliable releases

PROJECTS

Prime-Listing, Node.js, React, Express.js, MongoDB 🔗

- Designed a responsive MERN stack real estate application with search filters, listing management and local storage for data retention.

Hand Sign Detection for Kannada Language, MediaPipe, OpenCV, TensorFlow

- Built a real-time hand gesture recognition system using OpenCV and TensorFlow/Keras, handling dynamic inputs via live webcam feeds.
- Designed and trained a RNN using LSTM layers, improving accuracy by ~35% through data augmentation and hyperparameter tuning.
- Achieved <100ms prediction latency and integrated the model into a Python GUI for instant, deployable feedback

whizz.ai, RAG, LangChain, VectorDB 🔗

- Built an Azure RAG app using Azure OpenAI and Azure AI Search (hybrid+semantic) to answer queries over private docs with citations; tracked p95 latency and token cost; lightweight CI/CD deploy to Azure App Service.

PRisma, PostgreSQL, Next.js 🔗

- Developed an AI-powered pull request reviewer leveraging LLMs which automatically detected 10-15 bugs per review, suggested code refactoring, and explained code with inline GitHub comments for faster remediation.

QRollCall, PostgreSQL, NestJS, Tailwind CSS, QR Auth 🔗

- Built a QR-based student attendance system with Next.js, TypeScript, PostgreSQL, and Prisma; implemented JWT auth, rotating QR tokens, role-based access, and real-time attendance reporting with secure, atomic upserts.

EDUCATION

BTech in CSE, PES University

2023 – Present
Bengaluru, India

CERTIFICATES

- Develop GenAI Apps with Gemini and Streamlit
- Prompt Design in Vertex AI
- Build Real World AI Applications with Gemini and Imagen
- Explore Generative AI with the Gemini API in Vertex AI