

Amogh Sunil

 contact.amoghsunil@gmail.com  7349130318  Bengaluru, India  stealthwhizz  stealthwhizz
 amoghsunil

EDUCATION

Bachelor of Technology in Computer Science and Engineering, PES University

2023 – Present

Relevant Coursework: Data Structures & Algorithms; Database Management Systems; Software Engineering; Object-Oriented Programming; Operating Systems; Computer Networks Security, Cryptography, Blockchain, Ethical Hacking

Bengaluru, India

TECHNICAL SKILLS

Programming Languages

Python; JavaScript; TypeScript; Java; C/C++; SQL; Bash

Cloud & DevOps

AWS; Azure; Docker; CI/CD Pipeline; Git; Infrastructure as Code; DevOps Practices

Database Systems

PostgreSQL; MongoDB; Prisma ORM; Vector Databases; Database Optimization

Web Development

Next.js; React.js; Node.js; NestJS; MERN Stack; RESTful APIs; GraphQL

AI/ML

LangChain; RAG (Retrieval Augmented Generation); OpenAI API; TensorFlow; Keras; MediaPipe

Tools & Frameworks

Streamlit; TailwindCSS; JWT Authentication; QR Code Generation; Cryptography

PROFESSIONAL EXPERIENCE

Junior Associate, Arcio Live

08/2025 – Present

- Deployed streaming features via Next.js/Node.js; improved p95 latency by 40%
- Automated CI/CD with GitHub Actions and AWS CloudFormation, ensuring 99.9% uptime
- Optimized PostgreSQL & Prisma ORM, reducing query time by 35% under 10k+ load

PROJECTS

VaidyaDhara, PostgreSQL, LangChain, Docker, Streamlit, NLP, WhatsApp Business API, SMS Gateway 

- Built a **multilingual AI chatbot (WhatsApp/SMS)** using NLP to deliver verified health info, vaccination booking, emergency help & mental wellness support.
- Designed a **serverless cloud architecture** for national scalability and **anonymized data pipelines** for real-time insights.
- Developed a **Public Health Intelligence Dashboard** to track symptoms, predict outbreaks & enable geo-targeted health alerts.
- Researched alignment with **National Digital Health Mission & NFHS-5**, and contributed to phased rollout & SaaS-based sustainability model.
- Enabled scalable rural health support, reducing preventable health issues through early intervention and awareness

Hand Sign Detection for Kannada Language, MediaPipe, OpenCV, TensorFlow, Keras, Python GUI (Tkinter) 

- Addressed communication barriers by creating real-time sign language recognition for Kannada
- 95% recognition accuracy; <100 ms prediction latency; processed 30 FPS video input; trained on 1,000+ gesture samples
- Advanced regional sign language accessibility, promoting inclusivity and digital communication

ACCOMPLISHMENTS

Selected for McKinsey.org Forward Program, McKinsey.org

Top 5 in the Smart India Hackathon 2025 (institutional round), PES University

Participated in Innovation Challenge VI (AgTech), Hack2Skill

CERTIFICATES

- Google Cloud Platform – Develop GenAI Apps with Gemini and Streamlit., Build Real World AI Applications with Gemini and Imagen, Explore Generative AI with the Gemini API in Vertex AI
- AWS Educate Program – Cloud Computing Fundamentals.
- Selected team for VOIS for Tech Innovation Marathon 2.0 (Agriculture Technology Solutions)
- Open Source Contributor – 1000+ GitHub contributions