

AKSHATA HALAVAGILA

Hirekerur, Haveri, Karnataka, India - 581111



+91-9535800237



Email



LinkedIn



GitHub

Professional Summary

Full Stack Developer skilled in building and deploying scalable, user-focused applications. Proven success in accelerating feature delivery by 30%, reducing development cycles by 20%, and integrating AI/ML-driven solutions that enhanced system efficiency. Strong expertise in backend architecture, cloud deployment, and seamless front-end experiences with measurable business impact.

Education

KLE Institute of Technology, Hubballi

2022 – 2026

B.Tech in Computer Science, Visvesvaraya Technological University; CPI: 8.64

Hubballi, Karnataka

Experience

PurpleNow Technologies Pvt. Ltd.

Jan 2025 – Jun 2025

Full Stack Developer Intern

Hyderabad, India

- Engineered a CNN-based ECG classification model with 92% validation accuracy using TensorFlow, Keras, and OpenCV.
- Streamlined preprocessing and deployment pipelines, cutting model training and release times by 20%.
- Integrated data visualization into the frontend dashboard, enabling medical professionals to access real-time insights.

VisionOne7 ConnectXpert LLP

May 2025 – Jun 2025

GenAI Developer Intern

Bagalkot, India

- Built a GenAI-powered voice-enabled cooking assistant, improving query recognition accuracy by 35%.
- Developed and deployed APIs for voice synthesis and AI responses, reducing latency by 20%.

Projects

Cook Gallery | Python, Flask, MySQL

Jun 2025

- Architected and deployed the backend of a recipe-sharing platform with real-time uploads and advanced search.
- Implemented secure RESTful APIs for authentication, media handling, and recipe categorization, reducing response time by 25%.

Brain Tumor Detection using Vision Transformers | PyTorch, OpenCV, NumPy

Mar 2025 – Present

- Optimized MRI classification pipeline with Vision Transformers, lowering inference time by 18% while maintaining accuracy.

Drug Recommendation System | Python, Scikit-learn, Pandas

Nov 2024

- Designed ML-based drug recommendation engine achieving 85% F1-score, enhancing personalized patient care.

Blockchain-based Academic Credential Verification | Ethereum, Solidity, IPFS

Jan 2025

- Implemented blockchain-based credential verification, reducing manual validation workload by 50%.

Farmer Shopping Cart | React, Node.js, MongoDB

Mar 2025

- Developed an e-commerce platform for farmers to sell products directly to consumers.
- Integrated secure payment gateway and inventory management features, enabling smooth transactions.
- Enhanced user experience by adding categorization, search, and cart functionality.

Technical Skills

Languages: Python, JavaScript, Java, C, HTML, CSS, jQuery

Frameworks / Tools: React, Node.js, Express.js, Flask, Git, Docker, MongoDB, OpenCV, TensorFlow, PyTorch

Technologies: Firebase, Solidity, Ethereum, IPFS

Platforms / IDEs: Linux, Ubuntu, Windows, VSCode, Code::Blocks, Jupyter, Eclipse

Leadership & Extracurricular

OSCode Community

2024 – Present

Managing Director

- Expanded the open-source community by 200% through mentorship programs and live coding sessions.
- Hosted 10+ technical workshops and guest lectures, boosting member participation and skills.