

Mahammad Shaheer

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Professional Summary

- AI-focused Full-Stack Developer with experience in building AI-powered solutions including anti-spoofing biometric systems and intelligent document reader apps.

Education

P.A College of Engineering, Mangaluru, Computer Science and Engineering

CGPA: 8.6 / 10

Work Experience

PRO GEE DEE VENTURES Pvt Ltd.

Apr 2025 – Present

- Delivered full-stack solutions and conducted technical training for internal teams.
- Developed an advanced property search system with filters for location, budget, and amenities. Integrated agent profiles and a seamless contact system. Optimized UI for better user experience and responsiveness.
- Built a secure client inquiry system backed by a database. Designed a professional service portal with responsive and user-friendly interface. Ensured smooth workflow for case management and client interactions.
- Created an admin dashboard to manage users, subscription plans, and transactions. Developed a secure customer portal for real-time account tracking. Improved data visualization and monitoring for better operational insights.
- Implemented RESTful APIs and integrated third-party services to enhance platform functionality and scalability.
- Conducted code reviews, debugging, and performance optimization to maintain high-quality standards across all projects.
- Collaborated with cross-functional teams including designers, product managers, and QA engineers to ensure timely delivery of high-impact solutions.

Projects

SafeVision: AI-Powered Anti-Spoofing Biometric System

ML, CNN, OpenCV, Python

- Built an AI-powered CNN system to detect biometric spoofing attacks in real time.
- Integrated face recognition and liveness detection using AI to protect against deepfake and replay attacks.
- Optimized the model for high accuracy, low latency, and real-time detection performance.
- Deployed a prototype to evaluate performance across diverse datasets and attack scenarios.
- Added a web interface for easy testing, deployment, and demonstration.

AI-Powered Universal Document Reader

Android Studio, Java, SQLite

- Developed an AI-powered document reader app that intelligently detects the file type/extension and opens PDF, Excel, Word, and multiple other formats.
- Implemented search, annotation, and bookmarking features with a user-friendly UI.
- Enhanced security with file encryption and user authentication features.
- Integrated AI-based parsing to improve document rendering and quick content retrieval.

Skills & Activities

- AI/ML:** Machine Learning, Deep Learning (CNN), Computer Vision, OpenCV
- Frameworks & Tools:** Git, SQL, SQLite, Flutter, Android Studio
- Leadership Roles:** Co-Tech Lead at Embedded Club, Organizer at HackSummit 2024
- Achievements:** Winner of PACE Nirmaan for developing the Universal Document Reader app