

Almoiz Khan

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Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Computer Science undergraduate with hands-on experience developing and deploying production-grade applications, including open-source and personal projects. Proficient in building scalable, containerized backend systems and microservices architecture. Experienced in machine learning, large language models (LLMs), generative AI, and end-to-end software development.

EDUCATION

Bachelor of Technology in Computer Science (Cyber Security) Nov 2022 – May 2026
Marri Larman Reddy Institute of Technology and Management Hyderabad, India — CGPA: 9.27/10

PROFESSIONAL EXPERIENCE

ML & Deep Learning Intern May 2025 – Jun 2025
Shell India Remote

- Improved accuracy of 3 ML models from 70% to 90%+ using TensorFlow and Scikit-learn with team collaboration
- Analyzed over 100K rows of industrial data for anomaly detection and predictive analytics using MLOps practices
- Boosted model performance by 20% via EDA, feature engineering, and hyperparameter optimization techniques
- Collaborated with cross-functional teams to document experiments using Jupyter notebooks for reproducibility

AI/ML Intern Mar 2024 – Jun 2024
AICTE, Google India Remote

- Completed project-based learning on supervised and unsupervised ML algorithms in agile development environment
- Built classification and regression models using TensorFlow, Scikit-learn, and generative AI frameworks
- Improved model accuracy by 15% via hyperparameter tuning, data preprocessing, and collaborative problem-solving
- Submitted end-to-end ML project with comprehensive report, working closely with mentors and peer teams

PROJECTS

Craftable – No-Code Portfolio Builder | *Next.js, TypeScript, Tailwind CSS*

- Built a no-code platform enabling users to design webpages using drag-and-drop templates with team-based development
- Used modular rendering logic with reusable components for clean state management and collaborative coding practices
- Deployed live using Vercel with CI/CD integration, versioned releases, and agile project management

Vision – AI Developer Assistant | *Python, Agno, TTS/STT, LLMs*

- Integrated TTS/STT APIs, caching, and large language models to achieve 95%+ voice command accuracy
- Reduced dev effort by 30% by integrating voice-based task automation, reminders, and intelligent code suggestions
- Designed CLI interface with Agno and improved UX via command suggestions and collaborative workflow optimization

TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Python, C++, Java
- Frameworks:** FastAPI, React.js, Next.js, Node.js
- Databases:** MongoDB, PostgreSQL, Supabase
- Cloud & DevOps:** AWS (EC2, S3), Docker, Kubernetes, Terraform
- CI/CD Tools:** GitHub Actions, Jenkins, GitLab CI/CD
- ML/AI:** TensorFlow, Scikit-learn, PyTorch, Generative AI, Large Language Models (LLMs), MLOps

ACHIEVEMENTS

- Finalist – Smart India Hackathon 2024 (led a 6-member team)
- Part of Intel® Unnati Smart Innovation Labs – AI/ML Cohort (May 2025)
- Top 9% globally on LeetCode with 300+ solved problems

CERTIFICATIONS

- Smart Interviews DSA Certification – Platinum Smart Coder (Top 2%) – Mar 2025
- Postman API Fundamentals Student Expert – Nov 2024