

AKASH K

Full-Stack Developer · Django · DRF · React.js

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PROFESSIONAL SUMMARY

Full-Stack Developer with experience building and deploying scalable web applications using Django, DRF, React.js, and Next.js. Skilled in REST API development, PostgreSQL database design, and secure authentication using JWT and RBAC. Gained practical experience through internships and real-world development, delivering production-ready systems across multiple domains. Also experienced in freelance development, building end-to-end web applications from design to deployment.

EXPERIENCE

Full-Stack Developer Intern - Trogon Media Pvt Ltd Jul 2025 – Nov 2025, Calicut, Kerala

- Developed full-stack web applications using Laravel, CodeIgniter, and MySQL
- Integrated backend APIs with frontend systems for dynamic applications
- Managed deployment, server configuration, and hosting via cPanel
- Collaborated in Agile workflows with cross-functional teams

Software Developer Intern - Bairuha Tech Jan 2025 – May 2025, Calicut, Kerala

- Built full-stack features using React.js, Django, and Django REST Framework and NestJS.
- Designed REST APIs and integrated frontend with backend systems using PostgreSQL.
- Implemented JWT authentication and role-based access control for secure systems.
- Performed API testing, debugging, and validation using Postman.

PROJECTS

Hospital Management System — Technologies: React.js, NestJS, PostgreSQL

- Developed modules for patient registration and appointment scheduling.
- Implemented backend APIs for secure healthcare data management.
- Integrated frontend and backend components for efficient system workflows.

Logistics Tracking & Warehouse Management System — Technologies: Django, MySQL

- Built a logistics management platform for tracking drivers, vehicles, and warehouse operations.
- Implemented trip tracking, delivery updates, and reporting dashboards.
- Designed backend modules improving logistics monitoring and operational efficiency.

AI Privacy Platform (Face Recognition System) — Technologies: Django REST Framework, DeepFace, MySQL

- Developed an AI-powered privacy platform preventing unauthorized image sharing.
- Implemented facial recognition validation using DeepFace.
- Built secure REST APIs using Django REST Framework.

Free Bird — **NGO Support Platform** — Technologies: Django, MySQL

- Developed a platform connecting NGOs with underprivileged children for educational support.
- Built admin dashboards for case management and progress tracking.
- Implemented role-based user access control for secure data management.

TECHNICAL SKILLS

- Programming Languages: Python · JavaScript · C · PHP
- Backend Development: Django · DRF · FastAPI · Node.js · NestJS · Laravel · CodeIgniter
- Frontend Development: React.js · Next.js · HTML5 · CSS3 · Tailwind CSS
- Databases: PostgreSQL · MySQL · MongoDB · Redis · Supabase · Firebase
- Tools & Platforms: Git · GitHub · Postman · Docker · Render · Vercel · AWS · Google Cloud · CI/CD
- Authentication & Security: JWT · RBAC · OAuth 2.0 · SSL/TLS · API Security · bcrypt
- AI / ML & Tools: LLM · RAG · OpenAI API · Prompt Engineering · DeepFace · Hugging Face
- Concepts: REST API Development · Backend Architecture · System Design · Database Design · Microservices · Agile/Scrum · SDLC

EDUCATION

Master of Computer Applications (MCA)	Aug 2023 – Jul 2025
AWH Engineering College, APJ Abdul Kalam Technological University	Calicut, Kerala
Bachelor of Science in Computer Science	Jul 2019 – Jun 2022
Safi Institute of Advanced Studies, Calicut University	Malappuram, Kerala