AKASH K
SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Junior Software Developer with internship experience building **real-time applications** using **Python, Php, Django, React.js, NestJS**, and **SQL/NoSQL databases**. Skilled in developing **scalable web applications**, **REST APIs**, and **responsive UIs**, with strong exposure to **testing**, **debugging**, **API validation**, and **performance optimization**. Solid understanding of **SDLC**, **Agile/Scrum** practices, **authentication (JWT, RBAC)**, and **clean coding principles**. Passionate about **problem-solving** and committed to delivering **reliable, efficient software solutions** in a professional development environment.

TECHNICAL SKILL

Languages : Python, JavaScript, TypeScript, Java, PHP
Backend : Django, Node.js, NestJS, Laravel, CodeIgniter
Frontend : HTML, CSS, React.js, Bootstrap
Tools : REST APIs, Postman, Git/GitHub, Docker (Basics)
Databases : MySQL, PostgreSQL, MongoDB
Other Skills : SDLC, Agile/Scrum, Excel, Power BI, Testing Authentication (JWT, RBAC),Problem Solving

EXPERIENCE

PHP Developer Intern — Trogon Media Pvt Ltd, Calicut July 2025 – September 2025
- Developed and maintained web applications using **Laravel** and **CodeIgniter**.
- Built responsive UI components with **HTML, CSS, JavaScript, and Bootstrap**.
- Managed deployments via **cPanel**, including hosting setup, version updates, and **database configuration**.
- Collaborated with designers, backend developers, and **QA teams** in an **Agile environment**.

Software Developer Intern - Bairuha Tech, Calicut January 2025 – May 2025
- Worked as a full-stack intern using **React.js, NestJS, and PostgreSQL** for live development tasks.
- Performed **testing, debugging, API validation**, and implemented performance improvements.
- Gained hands-on experience with **JWT**, **Role-Based Access Control**, and secure API practices.
- Collaborated with developers in an **Agile/Scrum** environment and contributed to sprint activities.

PROJECTS

Hospital Management System (Live Project) - (React.js, NestJS, PostgreSQL)
- Developed the Front Office module, including appointment scheduling and patient registration.
- Built and integrated RESTful APIs with RBAC for secure access control.
- Improved system usability through UI workflow enhancements and backend optimization.

Warehouse Management & Logistics Tracking System - (Python, Django, MySQL)
- Built a real-time logistics and warehouse tracking platform to manage trips,vehicles, and driver activities.
- Implemented modules for vehicle tracking,trip updates, and warehouse operations to improve efficiency.
- Added reporting and analytics features to support data-driven decision-making.

Free Bird — Social Impact Web App (NGO Platform) - (Python, Django, MySQL)
- Developed a web platform to connect NGOs with underprivileged children for education and support.
- Designed dashboards for NGOs to manage cases, track status, and update progress.
- Implemented secure user roles and data handling for safe and efficient information sharing.

EDUCATION

Master of Computer Applications (MCA) August 2023 – June 2025
AWH Engineering College — APJ Abdul Kalam Technological University Calicut, Kerala
Bachelor of Computer Science July 2019 - June 2022
SAFI Institute of Advanced Study (Autonomous) Calicut, Kerala