

AKASH S NAIR

PYTHON FULL-STACK DEVELOPER

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PROFILE

BCA graduate specializing in **Python** full-stack development using **Django**, **Flask**, and **React.js**. Proficient in building secure, scalable web applications with **RESTful APIs** and **JWT authentication**. Experienced in designing responsive interfaces with **Tailwind CSS**, managing **MySQL** and **MongoDB** databases, and integrating third-party services. Skilled in containerization with **Docker** and production deployment via **Nginx** and **Gunicorn**. Strong foundation in clean architecture, performance optimization, and version control using **Git** and **GitHub**.

TECHNICAL SKILLS

- **Languages & Backend:** Python, Django, Flask, RESTful APIs, Django ORM, JWT Auth
- **Frontend:** React.js, JavaScript (ES6+), Tailwind CSS, HTML5, Figma
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite
- **DevOps & Tools:** Docker, Nginx, Git, GitHub, Postman, Vercel, PythonAnywhere

WORK EXPERIENCE

Full Stack Developer Intern

Internship Program | 6 Months

- Developed full-stack applications using **Python**, **Django**, and **Flask** with clean backend architecture.
- Designed **RESTful APIs** for **React.js** frontends and built responsive UIs with **Tailwind CSS**.
- Implemented secure **JWT authentication**, RBAC, and optimized **MySQL/MongoDB** database queries.
- Integrated payment gateways (**Razorpay**) and external APIs to support core features.
- Containerized apps using **Docker** and deployed production systems with **Nginx** and **Gunicorn**.
- Converted **Figma** designs to functional code, ensuring testing and performance optimization.
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PROJECTS

EDUCATION

BCA (Information Technology)

Ettumanoorappan College (Affiliated to Mahatma Gandhi University) *Completed Jun 2025*

Higher Secondary (Computer Science)

IHRD Technical HSS, Puthuppally *Completed Jun 2022*

Certifications

- AI Tools & ChatGPT Workshop, Be10X - Apr 2023
- Python Programming (Beginner → Intermediate), KELTRON(K) - 2023

LANGUAGES

English: Fluent

Malayalam: Native