

# AKASH S NAIR

## PYTHON FULL-STACK DEVELOPER

Kottayam, Kerala | [akash.bmrskr@gmail.com](mailto:akash.bmrskr@gmail.com) | +91 88480 80655

[linkedin.com/in/aakash-s-nair](https://linkedin.com/in/aakash-s-nair) | [github.com/astradevop](https://github.com/astradevop) | [akashsnairdev.netlify.app](https://akashsnairdev.netlify.app)

### 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. 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:** Git, GitHub, Postman

### 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** and optimized **MySQL/MongoDB** database queries.
- Converted **Figma** designs to functional code, ensuring testing and performance optimization.

### LANGUAGES

---

**English:** Fluent

**Malayalam:** Native

## PROJECTS

---

### ASTRALFIN : Neo-Banking FinTech Platform | [Source: github.com/astradevop/AstralFin](https://github.com/astradevop/AstralFin)

**Technologies:** Python, Django 5, PostgreSQL (Supabase), HTML5, Tailwind CSS, JavaScript, Auth0 (OAuth), ReportLab, Git, GitHub

- Developed a comprehensive neo-banking application supporting digital account creation, secure fund transfers and real-time transaction tracking.
- Integrated Auth0 and Social Auth to provide secure, seamless authentication and user management.
- Built robust modules for Loan Management (with automated EMI scheduling & pre-closure) and Investment Portfolios (tracking Mutual Funds, Stocks, & Fixed Deposits).
- Designed a detailed Transaction History system offering tabular statements with PDF export functionality using ReportLab.
- Utilized PostgreSQL hosted on Supabase for high-performance database management and data integrity.
- Collaborated using modern practices with a responsive frontend design utilizing Tailwind CSS key banking operations.

### TaskX – Task Management System | [Source: github.com/astradevop/taskX](https://github.com/astradevop/taskX)

**Technologies:** React, Flask, MongoDB, Tailwind CSS, JavaScript, Python

- Built a full-featured task management system with JWT authentication, CRUD operations, and role-based access control.
- Designed a modern glassmorphism UI with real-time updates, task filtering, priority levels, and due date tracking.
- Implemented secure user authentication, admin/user role separation, and responsive design for optimal user experience.
- Helped improve productivity, streamline task tracking, and enhance workflow efficiency with modern web technologies.

## 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) - 2025