Akhil Raj

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Professional Summary

Software Engineer with hands-on experience in Python Django, REST APIs, JavaScript, and cloud deployment (AWS, Nginx, Apache). Proven expertise in building scalable web applications, integrating databases, and collaborating with cross-functional teams. Strong background in debugging, testing, and Agile/Scrum methodologies. Passionate about delivering clean, maintainable, and user-focused solutions.

Technical Skills

- Programming Languages: Python, PHP, JavaScript, C#, C
- Frameworks & Tools: Django, Django REST Framework, .NET, Flask, Scrum
- Frontend: HTML, CSS, JavaScript, React
- Databases: MySQL, PostgreSQL, SQLite
- Deployment & Cloud: AWS (EC2, RDS, S3), CentOS, AlmaLinux, Nginx, Apache, Docker
- Tools: Git, Postman, VS Code, PyCharm, Word, Excel
- Other: Debugging, Code Reviews, CI/CD, Embedded Systems, Dashboard Creation, Testing & Deployment

Work Experience

Software Engineer | Cabal Technology

Nov 2023 – May 2025

- Developed and deployed web applications using Python Django, PHP, JavaScript, HTML, and CSS.
- Designed and consumed REST APIs, ensuring seamless data exchange between frontend and backend.
- Deployed and managed applications on AWS, CentOS, and AlmaLinux servers.
- Collaborated with UI/UX teams to enhance usability and improve user engagement.
- Conducted code reviews, debugging, and implemented optimized solutions.
- Analyzed requirements, created technical specifications, and ensured timely project delivery.

Software Engineer Intern | Nyest Ventures

Jan 2022 – Dec 2023

- Built reusable frontend components using HTML, CSS, and JavaScript.
- Researched and applied best practices in software engineering.
- Optimized existing applications by refactoring code for performance improvements.
- Learned and applied C# and .NET for backend development.
- Collaborated with cross-functional teams under Agile methodology.

Education

Master of Computer Applications (MCA) – STAS Pullarikunnu Kottayam, 2022

Bachelor of Computer Applications (BCA) – PGRM SN College Channanikaddu, 2019

Projects

- Social Media Platform (Django): Developed a platform with authentication, posting, and interaction features.
- URL Shortener (Django): Created a URL shortener with custom short codes and redirection.
- Book Rental System: Implemented rent requests, authentication, and rent tracking features.
- Flask File Upload API: Built an API for handling file uploads with persistent storage.