

# Afsal K

Full Stack Developer

[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | [afsalkalladi@gmail.com](mailto:afsalkalladi@gmail.com)

## Objective

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Passionate and fast-learning software developer eager to contribute to building AI-integrated plug-and-play applications. Skilled in rapid prototyping and full-stack development using TypeScript, React Native, Node.js, and Django. Looking for a short-term, impact-driven project to design efficient and intelligent CV management software through quick iteration and agile delivery.

## Education

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| <b>B.Tech in Electrical and Electronics Engineering</b><br><i>School of Engineering, CUSAT</i> | 2022 – Present     |
| <b>Higher Secondary (Class 12)</b><br><i>Kalladi HSS, Kumarumputhur</i>                        | 2020 – 2022<br>91% |
| <b>SSLC (Class 10)</b><br><i>GHS Karakurissi</i>   | 2020<br>96%        |

## Technical Skills

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**Languages:** TypeScript, JavaScript, Python, C/C++  
**Frontend:** React Native, React.js, TailwindCSS, HTML, CSS  
**Backend:** Node.js, Express.js, Django, REST APIs  
**Database:** MongoDB, PostgreSQL, Firebase  
**Tools:** Git, GitHub, VS Code, Postman, Docker (basic)  
**Practices:** Agile, MVC Architecture, Git Workflows, Clean Code, Unit Testing

## Projects

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### EESA WebApp Backend

- Developed a full-featured backend using Django REST Framework for EESA’s public website.
- Implemented role-based access for students, teachers, alumni, and technical heads.
- Handled modular apps like events, notes, projects, notifications, and authentication.
- Deployed the backend on Render with CI/CD support and environment-based configuration.

### EESA Election App

- Built a secure online voting platform using Django with token-based one-time voting authentication.
- Designed admin interface for adding elections, positions, candidates, and vote counting.
- Integrated role-based permissions and secure OTP verification during the voting process.
- Successfully used in campus election process with 100% digital turnout.

## Certifications

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- **Web Application Technologies and Django** – University of Michigan
- **Introduction to Python for Cybersecurity** – Infosec
- **Cloud Computing with AWS** – DevTown
- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** – Oracle

## GitHub Highlights

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- EESA WebApp Backend
- EESA Election App

## Extracurricular

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- **Tech Head, EESA (Electrical Engineering Students Association)** – Led team in managing student tech projects and digital platforms
- **YUVA Technical Team** – Participated in tech events and organized sessions for students