

# YADHU KRISHNA KS

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[github.com/yadhukrishna-1](https://github.com/yadhukrishna-1)

## PROFESSIONAL SUMMARY

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Full Stack Developer with hands-on experience in React.js, JavaScript (ES6+), HTML5, CSS3, RESTful APIs, PostgreSQL, and Git — covering strong frontend and backend fundamentals. Proven ability to design, develop, and maintain scalable web applications with clean, reusable, and efficient code. Experienced in authentication, role-based security, database design, and cross-functional team collaboration. Actively expanding into Node.js, Express.js, and NestJS to complete the full MERN/Node stack.

## EXPERIENCE

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### Python Full Stack Developer Intern

12/2025 – Present

*Techolas Technologies Kochi*

Kochi

- Designed and developed scalable web applications using React.js frontend and Django backend — covering full stack responsibilities across UI, APIs, and database layers.
- Built and integrated RESTful APIs supporting CRUD operations, authentication, and efficient data exchange between frontend and backend services.
- Developed responsive, mobile-first UI components using React.js, HTML5, CSS3, and JavaScript (ES6+) across multiple modules.
- Worked with relational databases (PostgreSQL, MySQL) — database design, query optimization, and performance management.
- Implemented authentication, authorization, and role-based access control (RBAC) security best practices across all application layers.
- Wrote clean, efficient, reusable code — participated in code reviews, debugging, testing, and performance optimization.
- Collaborated with cross-functional teams using Git/GitHub for version control, branching, and structured team workflows.

### Telecom Design Engineer

09/2021 – 11/2025

*IMMCO Inc, Ernakulam Kochi*

Kochi

- Worked with cross-functional Agile teams on telecom and smart-city infrastructure projects.
- Automated GIS workflows using Python, improving efficiency and reducing manual effort.
- Moved internally to R&D, where I built automation tools to streamline engineering processes.
- Later joined the web development team, handling API integrations and bug fixes across applications.
- Gained hands-on experience across telecom, automation, and software development in a fast-paced environment.

## EDUCATION

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### Diploma in Electrical and Electronics Engineering

2018 – 2021

*Maharaja's Technological Institute, Thrissur*

Thrissur

## CERTIFICATIONS

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### Python full stack certification

Python Full Stack Development Certification - Techolas Technologies (10 Months)

## PROJECTS

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### AssetFlow

*Django, Python, HTML, CSS*

- Designed and built scalable backend services with RESTful APIs, PostgreSQL database architecture, and authentication workflows — demonstrating strong backend fundamentals applicable across stacks.
- Optimized database queries and backend logic for performance and reliability across multi-user enterprise workflows.

### HRM-Connect

*React, JavaScript, HTML, CSS, Bootstrap*

- Built a full-featured web application with React.js frontend — responsive, mobile-first design with modular, reusable components across Admin, Manager, and Employee roles.
- Integrated RESTful APIs with React frontend for real-time data handling across leave, task, and department management modules.
- Implemented role-based authentication and secure access control across all user-facing and API layers.

### Electra Cart

*JavaScript, HTML, CSS*

- Developed a responsive e-commerce frontend with dynamic product catalog, real-time cart, and checkout — showcasing core JS and responsive UI fundamentals.

## SKILLS

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### Technical Skills

- React.js, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Responsive/Mobile-first Design
- Python, Django, REST APIs, Authentication/RBAC
- PostgreSQL, MySQL (Relational) MongoDB (familiar, learning — non-relational)
- Git, GitHub, Postman, VS Code
- Full Stack Development, Clean Code, Code Reviews, Security Best Practices, Agile/Scrum,
- Docker, CI/CD, AWS

### SOFT SKILLS

- Time Management
- Adaptability
- Teamwork
- Attention to Detail
- Problem-Solving