

# KRISHNANATH S

## Lead Full Stack Developer

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## Professional Summary

Results-driven Full Stack Developer with expertise in designing and developing scalable web applications and delivering client-focused software solutions. Proficient in debugging, performance optimization, and agile methodologies to drive system efficiency and impactful outcomes. Skilled in front-end and back-end technologies, API integration, and cloud-based deployments.

## Technical Skills

|                         |   |   |
|-------------------------|---|---|
| - Backend Technologies  | : | Fast API, Django, Node.js, Express.js, Rest API                               |
| - Frontend Technologies | : | React.js, Next.js, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript |
| - Database              | : | MongoDB, MySQL, Supabase  |
| - Deployment            | : | AWS, Docker, Nginx, CI/CD   |
| - Programming Languages | : | Java, JavaScript, Python, C   |
| - Soft Skills           | : | Team Leadership, Agile Development, Attention to Detail                       |
| - Version Control       | : | Git   |

## Work Experience

### Lead Full Stack Developer

Indian Institute of Commerce Lakshya ( Kochi, Kerala ) | Janury 2026 - Present

- Built in-house web applications to automate internal business workflows, replacing manual processes with scalable systems.
- Developed the Lakshya Aptitude Test & Scholarship Exam Platform with automated evaluation and reporting, integrated with LSQ CRM for lead and student data sync.
- Implemented ticketing and complaint management systems to streamline issue tracking, resolution workflows, and operational monitoring.

### Full Stack Developer I

Simplita AI Technologies Private Ltd. ( Villupuram, Tamil Nadu ) | April 2025 - January 2026

- Built and integrated AI-powered automation platforms into production systems using Python-based APIs.
- Optimized data pipelines and backend performance, reducing compute cost and improving response time.
- Worked in Agile/Scrum with cross-functional teams to deliver scalable, user-focused features.

### Full Stack Developer Intern

ZedSoftTech ( Tirur, Malappuram ) | December 2024 - April 2025

- Developed a full-stack MERN e-commerce platform for selling customizable admin panels.
- Built modular React (TypeScript) admin dashboards with role-based access control and Tailwind CSS.
- Implemented REST APIs with Node.js/Express and MongoDB, including JWT-based authentication.

### Freelance Full Stack Developer

February 2022 - April 2025

- Delivered end-to-end web applications using MERN and Python Django for multiple clients.
- Built secure REST APIs, real-time features, and media pipelines (AWS S3/Cloudinary).
- Deployed and scaled apps on AWS with Docker and Nginx, handling performance and reliability.

## Education

### Bachelor of Technology in Computer Science and Engineering

Vidya Academy Of Science And Technology Technical Campus | November 2021 - April 2025

- Academic Achievements : 86% aggregate.
- First Class with Distinction.

## Certifications and Trainings

### Web Development Training

Internshala Trainings | September 2022 – October 2022

- Completed an 8-week program on HTML, CSS, Bootstrap, PHP, React, and DBMS.
- Scored 62% in the final assessment.

### React Developer Certification

Udemy | Completed 2024

- Advanced coursework in React Hooks, state management, and frontend optimization.
- Built modular and reusable components to improve code maintainability and scalability in React applications.
- Gained expertise in API integration with Axios, implementing optimized data fetching techniques.
- Proficient in debugging and performance optimization using React DevTools and browser-based debugging tools.

## Projects

### [Simpita.ai ↗](#)

April 2025 – January 2026

- Built and maintained a comprehensive business automation platform using Next.js /FastAPI/Python that enables businesses to automate workflows, integrate third-party tools, and manage processes through a visual interface.
- Implemented multi-platform automation capabilities including Facebook, Instagram, Twitter/X, LinkedIn, WhatsApp, and Twilio SMS services with OAuth 2.0 authentication, enabling businesses to manage and automate their social media presence and customer communications from a single platform
- Developed a robust process automation engine with drag-and-drop workflow design, exportable code, task scheduling, and project-based organization that allows businesses to model, execute, and monitor complex automation workflows.

### [AnyTimeRequest Mock Server and API tester ↗](#)

October 2025 - Progress

- API Testing Suite - Built comprehensive Postman-like API testing tool with collections, environments, and request history
- Real-time WebSocket Relay - Implemented localhost API testing from production using WebSocket coordination architecture
- Script Execution Engine - Integrated pre-request/post-response scripting with Postman-compatible pm API and assertions
- Developed a High-Performance Mock Server with Redis Caching: Implemented a mock server solution that leverages Redis caching to dramatically improve response times (from 100-300ms to 5-20ms for cached requests) while reducing database load by 70-90%, enabling the system to handle significantly higher concurrent user loads.

### [KEAM Mock Entrance Web ↗](#)

June 2024

- Developed a React.js -based mock entrance exam platform with subject-specific quizzes and a real-time timer, attracting over 200 participants in 2024 and 300+ participants in 2025.

### [Complaint Management System ↗](#)

September 2022 - November 2022

- Designed and implemented a comprehensive complaint management system for college use, leveraging .
- Provided features for real-time tracking, complaint submission, and admin management.

### [Find My Client ↗](#)

July 2024 - August 2024

- Designed an AI Powered MERN stack app for connecting skilled Workers with clients, enabling 100+ successful hires in 2 months.
- The platform enables professionals to showcase their expertise by posting images and content related to their work
- Users can connect with other professionals, follow profiles, and expand their network, fostering a dynamic professional community.
- Integrated Cloudinary for media uploads, reducing media load times by 40%.