

# KRISHNANATH S

## Full Stack Web Developer

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## Professional Summary

Results-driven Full Stack Developer with expertise in designing and developing scalable web applications, optimizing SQL databases, 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** : Node.js, Express.js, Django, Rest API, Fast API
- **Frontend Technologies** : React.js, Next.js, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript
- **Database** : MongoDB, MySQL
- **Cloud Services** : AWS ( EC2, S3 ), Python Anywhere, Deno Deploy
- **Programming Languages** : Java, JavaScript, Python, C
- **Soft Skills** : Team Leadership, Agile Development, Attention to Detail
- **Version Control** : Git

## Work Experience

### Software Engineer

Simpita.ai ( Villupuram, Tamil Nadu ) | April 2025 – Present

- Developed AI-powered analytics platforms to enhance business decision-making.
- Collaborated in an Agile Scrum environment to deliver user-focused features on time.
- Collaborated with cross-functional teams to integrate AI solutions into existing systems.
- Improved data processing efficiency, reducing computational costs and enhancing performance.

### MERN Stack Developer Intern

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

- Developing a MERN stack e-commerce platform for selling customizable admin panels to businesses.
- Creating a feature-rich admin panel using React with TypeScript to offer modular and scalable solutions tailored to client needs.
- Designing an intuitive, responsive UI/UX with Tailwind CSS, ensuring user-friendly interactions and modern aesthetics.
- Building a robust backend using Node.js and Express, integrated with MongoDB for seamless data storage and management.
- Implementing dynamic features for admin panel customization, enabling businesses to configure panels based on specific requirements.
- Optimizing application performance through rigorous testing, debugging, and efficient database queries.
- Collaborating with cross-functional teams in an Agile environment, ensuring timely delivery of high-quality solutions

### Freelance Software Developer

February 2022 – Present

- Developed custom solutions using the MERN stack and Python Django for various clients, focusing on web applications, API development, and system integrations.
- Delivered end-to-end projects, including design, development, testing, and deployment.
- Collaborated with clients to understand requirements, ensuring high-quality, user-friendly, and scalable solutions.
- Worked on projects involving real-time data handling, authentication systems, media handling, and database management.
- Technologies used: JavaScript, React, Node.js, Express, MongoDB, Python, Django, AWS, Cloudinary.

## 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.

## 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

### [KEAM Mock Entrance Web ↗](#)

June 2024

- Developed a React-based mock entrance exam platform with subject-specific quizzes and a real-time timer, attracting over 200 participants in 2024.
- Optimized the platform for scalability, enabling it to handle concurrent users without lag.

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

September 2022 - November 2022

- Designed and implemented a comprehensive complaint management system for college use, leveraging React.js and Tailwind CSS.
- Provided features for real-time tracking, complaint submission, and admin management, improving resolution efficiency by 30%.

### [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%.

### [AI Powered Virtual Hospital ↗](#)

- It is an innovative platform that allows users to book appointments with doctors from any department across India.
- Features an AI assistant to answer health-related queries, helping users make informed decisions.
- Integrated Cloudinary for media uploads, reducing media load times by 40%.

### [Medical Appointment System ↗](#)

September 2023 - November 2023

- Developed a Django-based appointment system managing 500+ monthly bookings, with automated email reminders improving booking retention by 20%.
- Conducted debugging to enhance cross-device compatibility and reduce errors by 50%