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
- **Deployment**	:	AWS (EC2, S3), Docker, Deno Deploy
- **Programming Languages**	:	Java, JavaScript, Python, C
- **Soft Skills**	:	Team Leadership, Agile Development, Attention to Detail
- **Version Control**	:	Git

Work Experience

Software Engineer

Simplita AI Technologies Private Ltd. (Chennai, 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

Simpita.ai ↗

April 2025
- Engineered a secure vulnerability detection engine for Simplita AI, reducing application security risks by 40% and ensuring compliance with OWASP Top 10 standards.
- Developed and optimized 50+ Simplita CLI commands, accelerating website deployment processes by 70% and improving developer productivity.
- Collaborated with cross-functional teams to enhance system architecture, improving platform performance by 35% and ensuring scalability.

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 ↗

December 2024 - March 2025
- 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%