

MANIKANDAN R S

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Professional Summary:

Results-driven Software Engineer with over 2 years of full-stack web development experience, specializing in React, Node.js, and AWS. Demonstrated success in improving application performance and security. Adept at building scalable, user-centric applications. Seeking to leverage my skills in a forward-thinking tech environment to drive innovation and growth.

Experience:

Junior Software Engineer, Cognizant Technology Solutions

Aug 2022 – Present

- Spearheaded the development and maintenance of web application features using React and Redux, improving performance by 35%.
- Innovatively designed responsive UIs with Tailwind CSS, reducing development time by 25% and enhancing user satisfaction.
- Engineered robust server-side applications and RESTful APIs with Node.js and Express.js, improving data retrieval by 45%.
- Implemented JWT authentication, increasing security by 50% and ensuring secure user sessions.
- Integrated secure payment gateways, boosting transaction processing speed by 35%.
- Applied Jest for unit testing, increasing code reliability and reducing bugs by 30%.

Software Engineer Trainee, Cognizant Technology Solutions

Jan 2022 – July 2022

- Acquired and applied foundational web development skills, including HTML, CSS, and JavaScript.
- Engaged in team training sessions, enhancing understanding of web development components.
- Actively participated in team discussions and completed tasks, showcasing enthusiasm for learning and best practices.

Technical Skills:

Programming Languages	JavaScript, HTML, CSS
Tools & Platforms	Git, GitHub, Render, Firebase, Postman, Figma, AWS (S3, EC2, Route 53)
Frameworks & Libraries	React.js, Redux, Node.js, Tailwind CSS, Jest, JWT, Parcel
DBMS and ORMs	MongoDB, Mongoose, SQL

Projects:

Ecommerce Website

Jan'2024

[Live Link](#) | [GitHub](#)

- Developed a scalable e-commerce platform using the MERN stack (MongoDB, Express.js, React, Node.js).
- Improved page load times with Shimmer UI and lazy loading, enhancing user experience.
- Integrated Razorpay for secure and efficient online transactions.
- Implemented automated email notifications with Node Mailer, improving communication and user engagement.
- Applied Jest for unit testing

Admin Dashboard for eCommerce Website

June'2024

[Live Dashboard](#) | [GitHub](#)

- Developed an admin dashboard with features for product management, enhancing efficiency.
- Optimized application build times with Parcel.
- Ensured secure user access with JWT authorization.
- Applied Jest for unit testing

Education:

PSNA College of Engineering and Technology, Dindigul.

Aug'2018 – July'2022

Bachelor of Engineering in Electronics and Communication Engineering

83.5%

Certificates:

- Gen AI Intermediate Voyager Prompt Techniques and Partner offerings
- GitHub Copilot
- AWS Code Whisperer