

LIJO N S

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SKILLS

JavaScript, Node.js, Express.js, RESTful APIs, MongoDB, TypeScript, HTML5, CSS3, React.js, Tailwind CSS, SCSS, Bootstrap, MySQL, AWS S3, Firebase, Git, GitHub, JWT, Google OAuth, Stripe API, Razorpay, Socket.io, PeerJS, Chart.js, Postman, npm, Webpack, VS Code

EXPERIENCE

MERN Stack Developer Intern

June 2024 – Present

Brototype Company

Kozhikode, Kerala

- Built two major industry-standard projects — **Nova (Job Application Platform)** and a full-featured **E-commerce Application** — using clean architecture and scalable code structure
- Applied SOLID principles and Object-Oriented Programming (OOP) to write clean, maintainable code following industry best practices
- Delivered 10+ small to mid-sized full-stack projects and frontend clones using React.js, Tailwind CSS, and TypeScript
- Received weekly code reviews and mentorship from industry experts to improve code quality, scalability, and adherence to best practices
- Practiced Agile methodologies and Git-based workflows to simulate professional team-based development environments
- Implemented authentication flows with JWT, refresh tokens, and Google OAuth for secure access control
- Improved API performance by 40% through optimized MongoDB queries and strategic indexing
- Collaborated with cross-functional teams in Agile sprints to deliver scalable product features on time

Full Stack Developer Intern

2023 – 2024

PW Skills

Remote

- Gained hands-on experience in full-stack development by building scalable applications using the MERN stack (MongoDB, Express.js, React.js, Node.js)

PROJECTS

Nova Job Platform | *MERN Stack, TypeScript, AWS S3, Stripe, Socket.io, PeerJS* | [Live Demo](#)

2024

- Designed a scalable backend architecture using the Repository Pattern and SOLID principles, ensuring maintainable and type-safe code in TypeScript
- Implemented secure media management using AWS S3 with pre-signed URLs, handling 1000+ resume and profile image uploads
- Integrated Stripe for complete payment workflows including checkout, webhook handling, and refund processing for premium subscriptions
- Built real-time messaging and video calling features using Socket.io and PeerJS to facilitate recruiter–candidate interaction
- Developed a robust RBAC system with JWT and Google OAuth to manage user roles and protect sensitive routes
- Created an admin dashboard with dynamic Chart.js visualizations to track user activity, application rates, and job posting trends

ShoeCart E-commerce Platform | *Node.js, Express.js, MongoDB, Razorpay, JWT, Chart.js* | [Live Demo](#)

2024

- Built a feature-rich e-commerce platform with role-based authentication and authorization using JWT for secure user and admin access
- Developed complete product catalog management supporting 50+ SKUs with category-based filtering and search functionality
- Integrated Razorpay for seamless payments with support for payment retries, cash on delivery, wallet top-ups, and automated refund processing
- Implemented a session-based shopping cart, wishlist functionality, and user wallet system with transaction tracking
- Handled edge cases like payment failure gracefully with retry options and fallback notifications
- Built responsive admin dashboard for inventory control, order tracking, and real-time analytics using Chart.js
- Optimized app performance through code splitting and lazy loading, reducing checkout time by 30%

EDUCATION

Bachelor of Science in Computer Science <i>Mary Matha Arts and Science College</i>	2020 – 2023 <i>Wayanad, Kerala</i>
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CERTIFICATIONS

Node.js Complete Development Bootcamp - PW Skills (2024)
Advanced JavaScript Programming - Udemy (2023)
Full Stack Web Development Certificate - PW Skills (View Certificate)