

# NAVEEN PL

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## PROFESSIONAL SUMMARY

Motivated MERN Stack Developer with hands-on experience building scalable full-stack web applications using MongoDB, Express.js, React.js, and Node.js. Proficient in JavaScript, TypeScript, RESTful APIs, and modern UI frameworks including Tailwind CSS and Bootstrap. Experienced in implementing AI-driven features, clean architecture patterns, and DevOps practices using Docker and AWS. Strong problem-solving abilities with focus on writing maintainable code following SOLID principles and design patterns. Proven ability to deliver production-ready applications with emphasis on performance optimization and user experience.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, HTML5, CSS3, SQL

**Frontend Development:** React.js, Redux, Tailwind CSS, Bootstrap, Responsive Web Design

**Backend Development:** Node.js, Express.js, RESTful APIs, WebSockets, Repository Pattern

**Database Technologies:** MongoDB, MySQL, Redis

**Cloud and DevOps:** AWS EC2, Docker, Git, GitHub, CI/CD

**Development Tools:** Postman, VS Code, Figma, Firebase, GROQ, LLAMA

**Software Engineering:** SOLID Principles, Design Patterns, Agile Development, Problem Solving, Team Collaboration

## PROFESSIONAL EXPERIENCE

### MERN Stack Developer Intern

August 2024 – Present

*Brototype*

*Bengaluru, India*

- Developing production-ready MERN stack applications including e-commerce platforms and booking systems with focus on scalability and performance optimization
- Implementing clean architecture using Repository Pattern and SOLID principles for building maintainable monolithic applications
- Building RESTful APIs with proper error handling, input validation, and authentication mechanisms
- Collaborating in agile development environment with cross-functional teams to deliver high-quality web solutions
- Gained expertise in full-stack development lifecycle from requirements analysis to deployment and maintenance

### Frontend Development Intern

June 2024 – August 2024

*Mevi Technologies*

*Bengaluru, India*

- Developed responsive and interactive user interfaces using React.js, Tailwind CSS, and JavaScript for multiple client projects
- Optimized frontend performance achieving faster load times and improved user experience metrics
- Collaborated with design and backend teams to implement pixel-perfect UI components based on Figma mockups
- Enhanced application accessibility and cross-browser compatibility following web standards and best practices

## PROJECTS

### Algonest - Coding Platform with Job Portal and Community | *React.js, Node.js, TypeScript, MongoDB, Redis, Docker* 2024

- Architected and developed comprehensive full-stack coding platform enabling students to practice 100+ programming challenges with real-time code execution and automated test case validation
- Built integrated job portal connecting students with recruiters featuring advanced video interview capabilities with live chat, screen sharing, and recording functionality using WebRTC technology
- Implemented community forum with posting, commenting, and voting system enabling technical discussions and knowledge sharing among 500+ active users
- Integrated AI-powered features using LLAMA through GROQ API including intelligent coding tutor providing personalized learning assistance, context-aware coding assistant detecting stuck students and offering hints, and automated resume screening system for recruiters
- Designed scalable backend using Node.js, Express.js, and TypeScript following Repository Pattern and SOLID principles ensuring clean architecture and maintainability

- Optimized application performance using Redis for OTP management and caching reducing database queries by 40 percent
- Containerized entire application stack using Docker enabling consistent deployment across development, staging, and production environments
- Developed responsive frontend with React.js, TypeScript, and Tailwind CSS ensuring seamless user experience across devices

**VoltCraft - E-Commerce Gadget Store** | *Node.js, Express.js, MongoDB, Tailwind CSS* 2024

- Built full-featured e-commerce platform for electronics with product catalog, shopping cart, and comprehensive order management system
- Implemented secure payment gateway integration and user authentication with session management
- Designed RESTful API architecture for efficient data handling and optimized MongoDB schemas for fast query performance
- Created responsive UI with Tailwind CSS ensuring mobile-first design approach and cross-device compatibility
- Designed complete UI and UX workflow in Figma and structured normalized database schema before development

**Study Bangalore International - Admission Portal** | *HTML5, CSS3, JavaScript* 2024

- Developed client-facing website displaying admission information for 50+ colleges in Karnataka with search and filter functionality
- Implemented client-side form validation using JavaScript ensuring data accuracy and reducing invalid submissions by 60 percent
- Optimized website performance achieving 90+ Google Lighthouse scores through image optimization and code minification
- Deployed responsive design ensuring consistent experience across mobile, tablet, and desktop devices

**Netflix Clone** | *React.js, Firebase, TMDB API* October 2024

- Built Netflix-inspired streaming interface using React.js with dynamic content rendering from TMDB API
- Implemented Firebase authentication and hosting for secure user management and fast content delivery
- Created responsive carousel components and movie detail pages with smooth animations and transitions

**OLX Clone** | *React.js, Tailwind CSS* September 2024

- Developed classified ads platform clone with product listing, filtering, and search functionality using React.js
- Designed clean and modern UI using Tailwind CSS utility-first approach for rapid development
- Implemented reusable React components for product cards, navigation, and category filters

## EDUCATION

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<b>R.R. Institute of Technology</b>	Bengaluru, India
<i>Bachelor of Engineering in Computer Science, CGPA: 7.0</i>	2021 – 2025

## CERTIFICATIONS

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Frontend Development Certificate – Mevi Technologies