



Durgesh Pandey

Software Engineer (Full Stack) | React.js & Node.js Expert | MERN Stack Specialist

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Technical Skills

- **Languages:** JavaScript (ES6+), HTML5, CSS3, Python (for automation scripting/data processing)
- **Frontend:** React.js, Redux, React Hooks, Context API, React Router, React Query, TypeScript, HTML5, CSS3, Tailwind CSS, Material-UI, Bootstrap, Webpack, Babel, Accessibility (WCAG)
- **Backend:** Node.js, Express.js, RESTful APIs, WebSockets, Django
- **Databases:** MongoDB, PostgreSQL, SQL, NoSQL.
- **Cloud & DevOps:** Git, GitHub, CI/CD Integration, Jenkins, Docker(familiar), AWS(familiar)
- **Testing:** Unit Testing, Automation Testing, Selenium
- **Methodologies & Concepts:** Agile/Scrum, SDLC, Scalability, Performance Optimization, Authentication & Authorization, Code Quality, Troubleshooting, Data Structures & Algorithms, Problem Solving, Debugging

Education

- **Master of Technology-Information Technology** | Sona College of Technology, Salem, India | 2022

Soft Skills

Problem Solving

Team Collaboration

Communication

Troubleshooting

Profile Summary

Full Stack Developer with 3+ years of experience in building scalable web applications using React.js (TypeScript), Node.js, and MongoDB. Proficient in designing responsive UIs with React Hooks, Redux, and Tailwind CSS, and experienced in backend API development with Express.js and JWT. Skilled in automation testing (Selenium, Jest), WebSockets for real-time features, and deploying full-stack apps using Docker, CI/CD pipelines, and AWS. Passionate about clean code, accessibility, and optimizing performance across the stack.

Work Experience

Sep'22-Jan'25 | Software Engineer | SpanIdea Systems | Bengaluru, India

- Developed/enhanced MERN stack applications for key clients (e.g., National Instruments), ensuring high performance & scalability.
- Automated testing using **Selenium and Python scripts**, reducing manual efforts by **50%** and improving reliability.
- Optimized system performance and user experience (UX) with React.js & MongoDB, boosting user engagement by **25%**.
- Architected responsive user interfaces with **React.js (Hooks & Context API)** for diverse devices.
- Collaborated with **cross-functional teams** on robust **full-stack web solutions**; integrated Node.js backend with RESTful APIs.
- Debugged complex issues, maintained **code quality**, and participated in **code reviews** within **SDLC**.

Key Projects - github.com/durgeshpd

DevConn – A Professional Connection Platform - Live Demo: [Try DevConn here!](#)

Tech Stack: *React, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.IO*

Personal Project | Role: *Full Stack Developer*

- Built real-time platform with **user authentication & live chat** (Socket.IO).
- Designed responsive dashboard with Tailwind CSS; integrated **REST APIs & WebSockets**.
- Deployed on cloud VPS (Nginx, PM2), demonstrating **deployment & scalability**.

Tejas Network

Tech Stack: *React, Node.js, Express.js, MongoDB*

Team Size: *10* | Role: *Frontend Developer*

- Developed a user-friendly **dashboard** for real-time network operations management.
- Implemented **role-based access control** and collaborated on **API integration**.

Lomanet

Tech Stack: *React, Node.js, Postman, PostgreSQL*

Team Size: *8* | Role: *Full Stack Developer*

- Developed network diagnostics platform with **WebSocket-based real-time updates**.
- Integrated chat and report generation functionalities.

SpanIdea Exam Portal

Tech Stack: *React, Node.js, MongoDB*

Team Size: *7* | Role: *Full Stack Developer*

- Designed and developed a secure exam portal with **real-time notifications, interactive dashboards**, and robust **user authentication** and admin functionalities.