Parth Singh *Software Development Engineer*

✉ parth.singh564@gmail.com 📞 8073597221 📍 Bangalore, India 🔗 https://parthsingh.dev.netlify.app/

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🪪 Summary

Full Stack Developer, with 2.5+ YOE designing & implementing scalable, secure applications. Strong focus on backend development, security, and system efficiency, Driven by innovation, quick to adapt to new tools, and committed to delivering high-quality, impactful solutions.

🧠 Skills

Dev Tools
Git, JIRA, Studio 3T, VS Code, Bitbucket, Postman

Frameworks/Libraries
React.js, Redux, Express.js, Angular, Material UI, Bootstrap, Tailwind CSS

Others:
JWT, Redis, Mongoose, System Design, CI/CD (Jenkins), Bcrypt, AWS (EC2, S3), Firebase

Backend Development & Concurrency
- DataBase - MongoDB, MySQL
- Node.js, Express.js

💼 Professional Experience

Software Development Engineer   03/2023 – present | Bangalore, India
Decorpot ⎘

- **Automated key internal workflows**—including checklists with approval flow, MoMs, and survey forms—to improve turnaround time and minimize manual intervention. Additionally, contributed to the development and enhancement of an internal ticketing system to streamline issue tracking and resolution across departments.
- **Backend API Design:** Implemented CRUD-based RESTful APIs for multiple frontend dashboards & services facilitating seamless data flow for over 10k+ requests per day.
- **Security Enhancements**: Upgraded ERP for role-based & user-based access control (RBAC & UBAC) supporting 50+ user roles & 1000+ users, reducing API authorization latency and preventing security breaches across critical systems.
- **Frontend Development:** Developed responsive web interfaces for 5+ key dashboards like Project Approvals Tracker, Team User Logs, Service Tickets, Category Planner, Checklist approvals & several other dashboards increasing user engagement & performance.
- **Established MongoDB Schemas**: Generated scalable, anti-pattern safe, well-indexed MongoDB schemas, handling 10M+ records & 600+ active users in high-traffic modules like Ticketing Systems, Leads/Projects Management & more.
- **Integrated third-party services** such as Cashfree and Pine Labs, significantly enhancing transaction reliability, payment logging accuracy, and overall financial operations efficiency.
- **Caching:** Implemented Redis-based server-side caching, significantly enhancing API responsiveness and reducing redundant calls—optimizing instance and database performance of services. Also integrated Redux for efficient client-side state management and added pagination support to handle large datasets with improved performance and user experience.
- **Tracking/Ticketing System**: Developed a web app for customers to track project status, estimations, POC's and payments/invoicing with details. (https://customer.decorpot.com/user-login ⎘)

📑 Certifications

Scalar Node JS, React and DBMS course ⎘   Bangalore, India
Scalar

🎓 Education

Bachelor of Engineering in Computer Science   Bangalore, India
Bangalore Technological Institute

📂 Projects

Enterprise resource planning (ERP) system ⎘   03/2023 – present
Developed and optimized multiple application flows and features, including robust database schema design, implementation of secure authentication using JWT, and architectural enhancements to support scalable and maintainable systems.