

Sourabh Kumar Mandal

Bengaluru, Karnataka sourabhthaldia@gmail.com +91-7004026964 [LinkedIn](#) [GitHub](#)

SUMMARY

Full-Stack Web Developer with 3 years of experience in designing, developing, and deploying scalable and high-performing web applications. Spearheaded the integration of agile methodologies, streamlining project management processes to enhance collaboration and reduce project completion times. Recognized for strategic contributions and exceptional performance, earning a promotion within 19 months. Skilled in agile methodologies, with a commitment to delivering innovative, best-in-class solutions that align with business objectives and drive measurable impact.

EXPERIENCE

COGNIZANT TECHNOLOGY SOLUTION

Bengaluru, Karnataka

Programmer Analyst

(May 2022 – Present)

- Designed and implemented a modular web application using React, facilitating seamless updates and feature enhancements, which contributed to a 40% reduction in development time for future iterations and updates.
- Created custom monitoring scripts that tracked API performance metrics; these tools provided real-time insights leading to quicker identification of bottlenecks and minimizing downtime across services used daily by over 20 users.
- Integrated a mailing service using Nodemailer, resulting in a 20% improvement in performance. This enhancement led to increased email delivery reliability, faster processing times, and enhanced user communication efficiency, contributing to overall system performance.
- Debugged and resolved issues with a service for automatic triggering of mailing events, addressing the problem of multiple triggers. This led to a 15% increase in customer continuance, enhancing service reliability and customer retention.
- Skills Utilized: React, Nodejs, MongoDB, Expressjs

PROJECTS

MERN-ECOMMERCE

Fullstack Developer

- Architected scalable architecture for an online retail site employing modern tech stacks including Node.js and Express framework; findings from code optimization addressed critical bottlenecks leading to improved transaction speeds by 20%.
- Developed robust integration of Stripe for safe transactions alongside Multer setup for smoother file handling; reduced average transaction times by 30%, resulting in enhanced operational workflows and increased overall user satisfaction ratings.
- Engineered interactive dashboards for users and administrators, leveraging RTK Query to optimize data retrieval and state management; supported 15+ concurrent users with no performance degradation, improving scalability and system reliability.
- Designed and executed a detailed API testing strategy with Postman, resulting in the identification and documentation of 50+ previously unknown bugs, improving the overall user experience and application performance.
- Integrated responsive design principles, ensuring an optimal user experience across diverse devices, which led to a 20% improvement in accessibility and enhanced usability and user engagement.

CERTIFICATION

- Certified AWS Cloud Practioner
- Certified Generative AI Fundamentals

SKILLS

- Languages:** JavaScript, TypeScript, HTML/CSS, Java(Basic)
- Frameworks/Libraries/Databases:** React, Node.js, Express.js, MongoDB, Oracle SQL, AWS
- Developer Tools:** Git, VS Code, Postman, Graph QL, Agile methodology

EDUCATION

HALDIA INSTITUTE OF TECHNOLOGY

Haldia, West Bengal

Bachelor of Technology in Civil Engineering

Aug 2017 - Jul 2021

- Achieved a CGPA of 8.7/10, placing in the top 10% of the class and demonstrating consistent academic excellence throughout the degree program.
- Organized and conducted various inter-college extracurricular activities, increasing participation by 30%.