SATYAM SINHA (4 + years of experience in IT industry)

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Professional Summary

Highly skilled MEAN/MERN stack developer with 3.5+ years of experience in building, maintaining, and optimizing web applications. Proficient in MongoDB, Express.js, Angular, React, and Node.js, with a strong understanding of both front-end and back-end development. Experienced in developing e-commerce platforms, CRUD applications, and working in agile teams to deliver high-quality solutions. Adept at using modern JavaScript frameworks, build tools, and version control systems.

Technical Skills

- **Languages**: JavaScript, TypeScript, HTML, CSS, SCSS

- **Frontend**: Angular, React, Redux, Angular Material, Bootstrap

- **Backend**: Node.js, Express.js, RESTful APIs

- **Databases**: MongoDB, Mongoose, SQL (basic)

- **Version Control**: Git, GitHub,Bitbucket

- **Build Tools**: Webpack, Grunt, Gulp, Bower

- **Testing**: Jasmine, Karma, Jest, Postman

- **Cloud/Deployment**: AWS, Heroku, Docker

- **Others**: Agile Methodologies, CI/CD Pipelines, JWT Authentication, OAuth2, WebSockets

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Professional Experience

Software Engineer

***Forwardly**, United States*
October 2024 – Present

- Working on making payment processing fast and hasslefree.

Software Developer

Navigators Software Private Limited, Kolkata
February 2022 – October 2024

- Developed and maintained a full-featured e-commerce platform using the MEAN stack.

- Maintained a highly insurance system and added new features as when needed.

- Integrated third-party services, payment gateways, and RESTful APIs to enhance application functionality.

- Worked with MongoDB and Mongoose for database modelling, schema design, and query optimization.

- Designed and implemented responsive and user-friendly interfaces using Angular Material.

- Collaborated with product managers and UX/UI designers to create engaging user experiences.

- Implemented JWT-based authentication and role-based authorization to secure APIs.

- Improved application performance by 20% through optimization of database queries and API response times.

- Utilized Git for version control and regularly contributed to code reviews and team discussions.

Solutions Engineer

Colorbracket Technologies LLP, Remote
December 2020 – January 2022

- Built RESTful APIs for managing users, products, orders, and categories in a food delivery application.

- Implemented MongoDB indexing and aggregation pipelines to enhance query performance.

- Implemented Realtime notifications through firebase FCM and WebSockets.

- Integrated third-party services for email notifications and payment processing.

- Deployed and maintained applications on AWS and Heroku, automating builds using CI/CD pipelines.

- Participated in architectural discussions to ensure scalable and secure backend systems.

- Worked on chat system for realtime collaboration.

Projects

E-commerce Platform (MERN Stack)

- A fully functional e-commerce platform with features like product listing, shopping cart, checkout, and user authentication. Built using Angular, Node.js, Express.js, and MongoDB.

Quiz Application (MERN Stack)

- Developed an interactive quiz platform allowing users to participate in quizzes, with real-time leaderboard functionality using React and Node.js.

Pet Store E-commerce App (MERN Stack)

- Built a complete CRUD-based e-commerce application for a pet store, integrated payment gateways, and optimized for SEO.

Insurance Application (MEAN Stack)

- Maintained a complex insurance application having a large codebase.
- Lead a team of around 10 people.
- Did a through impact analysis.
- Tested code through SonarQube.
- Used cache for faster loading of frontend after build where needed
- Handled client for suggesting possible solutions to their problem and in case of any ambiguity.

Food Delivery Application (MEAN Stack)

- Worked on this project for around 6 months.
- This application consisted of three parts mobile web and strong backend implementation.
- Implemented sockets for realtime notification when order is placed.
- Firebase was used for authentication and push notification.
- Closely talked with client for requirements, issues and future scope of the project.
- Worked in a tight deadline.

Education

Bachelors in Computer Application (BCA)
MAKAUT, Durgapur
2019 - 2022

Bachelors in Science (BSC, Math Honours)
Kaji Nazrul University, Asansol
2015 – 2018

Higher Secondary (Science Stream, PCM)
WBBCHSE, Asansol
2013 – 2015

Madhyamik
CBSE, Asansol
2012 -2013