ASIF MAHMUD

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GitHub | Portfolio | LinkedIn | LeetCode

SKILLS

Front-End: React.js, Redux, Angular, Html5, Bootstrap, jQuery, JavaScript, ES6, JSX, PySimpleGUI, SCSS
Back-End: Node.js, Express.js, MongoDB, MySQL, SQL, NoSQL, ASP.NET, Spring Boot. Hibernate
Other: Java, C, C++, C#, Python, GitHub, Firebase, Heroku, REST API, MVC, OOP, Algorithms, Jenkins, Agile, Highcharts, Unit Testing, Debugging, Troubleshooting, AWS, AZURE, Jasmine, Eclipse, Visual Studio, JIRA, Karma

WORK HISTORY

SOFTWARE DEVELOPER 1 | SOTI, MISSISSAUGA, CANADA
AUGUST 2025 - PRESENT
- Developed robust SQL queries to validate data accuracy in web applications and back-end systems..
- Participated in Agile ceremonies, ensuring that test cases aligned with acceptance criteria.
- Performed black-box and white-box testing on web apps, microservices, and database systems..
- Built multiple dashboards for network performance, device health, and data consumption.

ASSOCIATE SOFTWARE DEVELOPER | SOTI, MISSISSAUGA, CANADA
JANUARY 2024 – JULY 2025
- Developed and integrated REST APIs, reducing response time by 40% through optimized queries and caching.
- Resolved 200+ production issues, cutting defect recurrence by 30% through cross-team collaboration.
- Led IoT analytics dashboard development, improving data visualization efficiency by 50%.
- Improved sprint velocity by 20% by refining backlog grooming and requirement clarification in Agile teams.

SOFTWARE DEVELOPER INTERN | SOTI, MISSISSAUGA, CANADA
JANUARY 2023 – DECEMBER 2023
- Built and optimized REST APIs for IoT applications, increasing data sync speed by 30%.
- Optimized SQL queries, boosting data retrieval speed by 35% and reducing latency.
- Resolved 170+ defects and implemented 8+ features, reducing system downtime by 20%.
- Automated API testing with Jest/Postman and wrote unit tests with Jasmine cutting manual QA efforts by 40%.

JR. SOFTWARE ENGINEER | WORKSPACE INFOTECH, DHAKA, BANGLADESH
MARCH 2020 - MARCH 2021
- Optimized PHP/JavaScript code, increasing page load speed by 30%.
- Resolved 50+ production issues, reducing bug resolution time by 40%.
- Developed and integrated REST APIs for seamless user data management and service interactions across platforms..

PROJECTS

XSIGHT | SOTI INC
- Developed IoT analytics dashboards with Angular, Redux, and TypeScript for real-time device monitoring.
- Designed and integrated REST APIs for fetching and processing IoT device data, enhancing real-time insights.
- Debugged and resolved frontend and backend issues, boosting system stability.

PICKBAZAR | [GitHub (Client) - GitHub (Server) - Live]
- Built a full-stack e-commerce platform with React, Redux, Node.js, Express.js, and MongoDB.
- Designed REST APIs for authentication, product management, orders, and payments (Stripe).
- Developed a complete admin panel with CRUD operations for products, categories, and coupons.
- Implemented search, sorting, order placement, and real-time notifications for seamless user experience for user accounts.

TRAVEL AGENCY | [GitHub (Client) - GitHub (Server) - Live]
- Created role-based dashboards for users and admins, dynamically adjusting views.
- Built REST APIs for user management, service bookings, and appointment tracking.
- Developed appointment booking with real-time status updates (Pending, On-Going, Done).
- Implemented admin controls to manage services and oversee bookings.

EDUCATION

SEPTEMBER 2021 – APRIL 2023 | **LAMBTON COLLEGE, SARNIA, ON, CANADA**
Post Graduate Diploma in Computer Software & Database Development

JANUARY 2016 - SEPTEMBER 2019 | **NORTH SOUTH UNIVERSITY, DHAKA, BANGLADESH**
Bachelors in Computer Science & Engineering