

MOHAMMEDZAIEM MUNSHI

Full Stack Developer - Ottawa, ON

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🐙 github.com/zaiem2001 🌐 <https://zaiem-portfolio.netlify.app/>

Education

Carleton University

Master's of Engineering in Electrical and Computer Engg.

Jan 2023 – Apr 2024

Ottawa, ON

Sardar Vallabhbhai Patel Institute of Technology

Bachelor's of Engineering in Information Technology. (9.5 CGPA / 10)

Aug 2018 – Mar 2022

Vasad, IN

Technical Skills

Languages: JavaScript, TypeScript, Java, HTML/CSS, GraphQL, MongoDB, Postgres SQL, Python

Developer Tools: VS Code, Git (GitHub), WebPack, Postman, MongoDB Compass, Apollo Server, Slack

Technologies/Frameworks: ReactJS, NodeJS (ExpressJS), NextJS, Angular14, Spring Boot 3, Spring REST, Spring MVC, JPA, Hibernate, Bootstrap, OAuth2, Microservices, Redux, React-Relay, Apollo-client/server

Experience

Spreadd

May 2022 – Jan 2023

MERN Stack Developer

Vadodara, IN

- Integrated WhatsApp Business with webhooks for seamless communication and registration management via a dedicated Microservice with action buttons for users and admins.
- Developed RazorPayX SDK for cryptocurrency payments within the RazorPay ecosystem.
- Enhanced website performance by optimizing GraphQL queries with react-relay fragments, thereby reducing unnecessary updates, resulting in a notable 20% increase in website speed.
- Optimized backend GraphQL schema for Microservices, enhancing data storage efficiency and ensuring consistency.
- Wrote Unit tests for backend microservices with more than 95% tests coverage. Supporting Test-Driven Development.

Guvi Geek Networks

Aug 2021 – Apr 2022

Software Developer Intern

Chennai, IN

- Automated administrative tasks, including daily email automation, boosting operational efficiency.
- Developed and deployed various features, serving over 3000 active students while collaborating with the design team.
- Independently implemented diverse use cases addressing organizational needs, including Hackathon, Capstone, Mock-Interview, Cron-Job automation and more.

Volunteering activities and Extracurriculars

Instructor, Introduction to Full Stack Development | *Carleton University*

- As the instructor for **CU-274: Introduction to Full Stack Development** at Carleton University, I will be leading a 5-day course for 30-60 students on MERN stack, developing the curriculum, facilitating communication, and conducting practical demonstrations. This comprehensive approach ensured a rich learning experience, where students received hands-on guidance and reinforcement of key concepts in full-stack development.

Hackathon Mentor and Technical Support Volunteer | *Carleton University — Sept 2023*

- I offered vital supervision and guidance at **"Hack the Tunnles,"** an event held at Carleton University that drew over **350 registered** participants. I made sure teams' projects went well by helping them troubleshoot problems and providing insights into the development of the MERN stack. In addition, I provided participants with comprehensive explanations and instruction on a variety of technical ideas, allowing them to overcome issues and achieve success in their tasks.

Projects

Blog Application | *MERN Stack, TypeScript, React-relay, GraphQL*

- Utilized GraphQL, Apollo Server, and React Relay for efficient data handling. Used Firebase for seamless image storage. Enabled blog post actions (create, like, comment) with React Relay pagination. Enhanced content creation with a markdown editor. Developed custom hooks for dynamic title changes and cloud image uploads, integrating JWT authentication and TypeScript for enhanced reliability.

Social Media App | *MERN Stack, Socket.IO, Redux*

- Created a comprehensive social media app with JWT authentication, Redux state management, and user-friendly features such as post management, likes, comments, follows/unfollows, and profile updates. Utilized Firebase for image storage and enforced a 24-hour account update restriction. Implemented real-time messaging with Socket.io for seamless communication.