Nauman Tanwir

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Toronto, ON

Software Engineer with 7+ years in web development, specializing in React.js and Node.js. Proficient in managing SQL and No-SQL databases, system architecture, REST APIs, AWS, serverless solutions, and microservices. Demonstrated leadership in Agile Scrum teams with a strong record of accomplishment in both remote and on-site environments.

SKILLS & CERTIFICATIONS

Front-End	React.js, Redux, JavaScript, TypeScript
Back-End	Node.js, Express.js, OAuth, Passport.js, JWT, Serverless, Micro-services, Go
Container & Orchestration	Docker, Docker Compose, Kubernetes
CI/CD	GitHub Action
AWS	AWS Lambda, Amazon API Gateway, AWS EC2, AWS S3, AWS CloudFormation
AZURE	Azure VPC, Azure Storage Accounts
Automation Template	ARM Templates, YAML
Databases	AWS DynamoDB, MongoDB, MySQL, PostgreSQL
Data visualization	Chart.js, D3.js
Testing	Jest (Unit Testing), Cypress (End-to-End Testing)

PROFESSIONAL EXPERIENCE

Relocayt Pvt. Ltd. | Canada   **Oct 2024 – Present**
Senior Software Engineer – Full Stack | Part-Time

UrbaneMinds Pvt. Ltd. | India
Lead Web Consultant   **Mar 2020 – Apr 2024**
- Mentored 5 Agile Scrum teams, enhancing continuous learning and expertise sharing.
- Led the modernization of front-end code bases with React, Redux, and TypeScript, reducing operating costs by 20% and improving maintainability, functionality, and performance by 35%.
- Developed high-performance RESTful APIs and a microservices system with Node.js and Express.js, reducing data redundancy by 35% and deployment time by 25%.
- Spearheaded the transition to serverless architectures using AWS Lambda, API Gateway and DynamoDB, resulting in a 35% cost reduction and an improvement in application scalability
- Formulated and optimized SQL and NoSQL database schemas for efficient queries and data flow, achieving a 40% reduction in database load through effective indexing.
- Boosted code coverage by 60% with end-to-end testing (e2e) using Cypress.
- Reviewed code for data structure validation, security, and cross-platform compatibility in 50+ projects.

Koch Business Solutions | India
Front-End Developer   **Apr 2019 – Mar 2020**

Company Overview:

Koch Business Solutions is a global software delivery hub for Koch Industries Inc., driving innovation across 50+ subsidiary products.

Responsibilities:

- At Georgia-Pacific LLC, a Koch Industries subsidiary, I led React and Redux front-end development for 10+ B2B, B2C, and D2C e-commerce platforms, boosting functionality and user experience by 30%.
- Improved unit test coverage by 40% using Jest.
- Enhanced application performance by achieving a perfect Lighthouse score of 100, reducing asset sizes by over 20%, and optimizing bundle sizes through code splitting in Webpack.

Globant Pvt. Ltd. | India
Web UI Developer   **Aug 2017 – Mar 2019**
- Optimized a core service and data flow, improving overall application performance by 45%.
- Built more than 10 new feature modules using AngularJS and integrated API calls with the backend application.

- Created more than 3 Payment modules for Eros Now, incorporating API call integration with the backend.
- Designed more than 4 Super Tatkal modules for integration with the Indian Government's IRCTC website.
- Engineered the Open Calendar CMS Module for Tizen, enabling custom calendars and integrating with 2 major event platforms: Eventbrite and BookMyShow.
- Increased test coverage by 20% with Karma and Jasmine through thorough unit tests.

Ecanvasser Pvt. Ltd. | Ireland
Web Developer   **Jun 2016 - Dec 2016**
- Developed an "Upload module" handling 1,000+ users, displaying geo-tagged locations on Google Maps, and showing contact details in a table using PHP and JS.
- Utilized Google Maps API to find the shortest routes and track the real-time locations of 50+ canvassers.
- Designed real-time charts with Chart.js and Angular for analyzing data from 10+ campaigns and evaluating the performance of 100+ canvassers.
- Implemented an "Export Report" module for PDF downloads of monthly reports using PHP.
- Collaborated with the Growth team to create responsive websites and blogs using Handlebars.js, HTML5, CSS3, Bootstrap, and Angular.
- Wrote unit tests with Karma.js and Jasmine.js, increasing test coverage by 45%.

PROJECTS

Go Timezone Api	https://github.com/ntanwir10/goTimezoneApi
Go Twitter Api	https://github.com/ntanwir10/go-twitter-api

EDUCATION

Postgraduate Certificate in Cloud Computing	Loyalist College, Toronto, Canada	April 2024 - Present
MS in Computer Science	University College Cork, Ireland	Sept 2014 - May 2015
Bachelor of Technology in IT	Integral University, India	July 2009 - June 2013