Abbas Gure

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Summary

Driven and innovative Full Stack Developer with 2+ years of experience building high-performance web applications using React, TypeScript, .NET Core, and Node.js. Skilled in developing interactive UI components and optimizing backend systems to deliver seamless user experiences. Passionate about leveraging modern tools, frameworks, and cloud technologies like Azure to drive efficiency, scalability, and innovation in web development. Committed to continuous learning and adapting to new technologies to create impactful, user-centered solutions.

Skills

Programming Languages: Java, JavaScript, Typescript, PHP , C#
Frameworks: React, Node, Express, Spring boot, .NET
Cloud: Azure, GCP, AWS
Version Control: Git
Tools: Postman, JIRA, Confluence
Database Systems: PostgreSQL, MySQL, MongoDB
Operating Systems: UNIX, Windows
Network: CCNA, CompTIA, MCSE

Work Experience

Sticky Connections

Software Engineer   Aug 2023 - Present

- Developed scalable and high-performing web applications using React and TypeScript, ensuring robust architecture and seamless user experiences.
- Implemented dynamic and responsive UI components with React, enhancing the application's look and feel and improving user engagement.
- Optimised application performance using React hooks with TypeScript features, to reduce load times and increase efficiency.
- Refactored the existing codebase from JavaScript to TypeScript, leading to better type safety, fewer bugs, and improved developer productivity.
- Collaborated with designers and backend developers to integrate RESTful APIs, ensuring seamless end-to-end functionality.

Atos

Software Engineer   Apr 2022 – Feb 2023

- Oversaw the management of databases, ensuring seamless import/export processes throughout various testing stages, resulting in improved efficiency and accuracy of data analysis.
- Developed and implemented automated batch processing using Tivoli Work Scheduler for efficient data generation and testing, resulting in improved productivity and accuracy.
- Maintained a comprehensive user details spreadsheet for UNIX test environment access, ensuring accurate and up-to-date information for seamless access management and efficient testing processes.
- Developed and executed comprehensive test plans and test cases to ensure the functionality and reliability of the REST API, interfacing with an Azure database for CRUD operations.
- Collaborated with the development team to troubleshoot and resolve any issues, ensuring accurate data display on the React front-end website.

Education

Aston University
MSc Computer Science   Sep 2020 – Feb 2022

Pursued a comprehensive computer science program, gaining expertise in areas such as programming languages, data analysis, and computer systems.

Coventry University
BSc Hons. Medical and Pharmacological Sciences   Sep 2016 – Dec 2019
Completed a multidisciplinary program focused on biology, chemistry, and drug development. Gained strong analytical and problem-solving skills through lab work and research, complementing technical abilities in programming and data analysis.

Projects

CityInfo API
- Developed and implemented the CityInfo API, a scalable solution to provide detailed information about cities and their points of interest.
- Utilised .NET Core 8.0 and Entity Framework Core with SQLite to create a reliable, high-performance REST API.
- Designed and integrated JWT-based authentication for secure access to city data, while utilizing Swagger for clear, interactive API documentation.
- Enabled seamless expansion to new cities and features through a clean and scalable architecture, improving future development flexibility.
- Deployed and hosted the API on Azure App Service, ensuring reliable availability and scalability for city data services.

Supply-Tracker application
- Developed and implemented the Supply-Tracker application, a comprehensive solution for managing accounts, projects, invoices, and suppliers.
- Utilised PostgreSQL as the database and Spring Boot REST API to provide seamless access to the database using API endpoints.
- Designed a user-friendly React front end with robust authentication and an intuitive interface, empowering administrators to efficiently interact with stored data.
- Streamlined financial management tasks such as client and project assignment, bidirectional linkage, and payment and invoice recording, resulting in improved efficiency and accuracy.

Bookstore Application
- Developed the Bookstore Application, a feature-rich e-commerce platform, utilising the MERN (MongoDB, Express, React, Node)stack.
- Implemented secure user authentication using JWTs
- Integrated authorisation functionalities to enable users to securely sign up, curate personalised reading lists, and successfully log out while maintaining their personal reading list records.

Eden Project
- Created and published a website dedicated to raising awareness about local waste management and environmental concerns.
- Utilised HTML, CSS, and JavaScript to develop an interactive platform that allows users to submit environmental reports and view them on a map using the Google Map API.
- Leveraged Firebase to store and manage user-submitted data, resulting in an efficient user experience.