

Vaibhav Baria

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WORK EXPERIENCE

Software Developer

Community of Guardians

Jan 2024 – Present

London, Ontario (Remote)

- Led the development and styling of interactive components for the user onboarding quiz using **React.js** and Styled-components, ensuring a seamless user experience using UI / UX design principles
- Architected and implemented backend solutions with **Strapi**, including data handling for user responses and SDG assignments, critical to the website's core functionality
- Spearheaded the transition of the website's hosting infrastructure to **AWS**, significantly improving scalability and site reliability
- Enhanced user engagement and retention by integrating real-time notifications with **Firebase**
- Managed and optimized **MySQL** databases for efficient storage and retrieval of user and quiz data, ensuring high performance and data integrity
- Collaborated closely with cross-functional teams to align the quiz feature with broader project objectives and user needs, contributing to overall project success

PROJECTS

T3 Gallery App --- Demo --- Github

A photo gallery web app

Mar 2024 – Present

Next.js, Tailwind CSS, TypeScript, PostgreSQL

- Developed a full-stack photo gallery web application using Next.js, Tailwind CSS, and TypeScript
- Implemented authentication with **Clerk** and integrated image uploads
- Set up and managed a Vercel **Postgres** database for storing user data and gallery information
- Deployed the application on Vercel and monitored performance using **Sentry**
- Enhanced user experience with infinite scroll, folder/album organization, and responsive design

FantasyForge --- Github

Media Tracker Web Application

Jan 2024 – May 2024

ASP.NET, Bootstrap, JavaScript

- Developed a full-stack media tracking web application to manage and organize users' anime, video games, TV shows, and movies.
- Designed and implemented RESTful APIs with **ASP.NET** for seamless interaction between frontend and backend.
- Utilized Bootstrap to create a responsive and user-friendly interface, ensuring a dynamic and accessible user experience.
- Integrated user authentication and authorization features to secure the application, protecting user data and ensuring privacy.
- Performed extensive testing and debugging to enhance the application's performance, reliability, and user satisfaction.

TECHNICAL SKILLS

Languages: JavaScript / TypeScript, HTML / CSS, C#

Frameworks/Libraries: React.js, Next.js, Tailwind CSS, Node.js, Express.js, ASP .NET

Testing: Jest, JUnit, Selenium Web Driver, Cypress, Jasmine

Cloud/Databases: MySQL, MongoDB, Firebase, AWS, PostgreSQL

Development Tools: VS Code, Git, GitHub, Visual Studio, Figma, Jira, Linux, Docker

EDUCATION

Humber College

Post Graduate Certificate in Web Development

Toronto, Ontario

2024 – Present

Fanshawe College

Post Graduate Certificate in Software & Information Systems Testing

London, Ontario

2023 - 2023

Gujarat Technological University

Bachelor of Engineering in Computer Engineering

Ahmedabad, India

2016 – 2020

Relevant Coursework: Web Development & Design Principles, Data Structures & Algorithms, MVC Architecture, Object-Oriented Programming, Database Management System, Software Engineering, Automation Testing, Computer Networks, A/B testing