Isuru Edirisinghe

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Skills

Languages: C#, JavaScript, TypeScript, SQL
Technologies & Tools: .NET Core, NodeJS, MongoDB, MS SQL, AWS, Azure, Docker, Angular, ReactJS, Git
Other: CI/CD, API Management, Microservices, Agile Development, Scrum

Work Experience

Peugeot Motocycles   **Mandeure, France**
IT Developer (Apprentice)   Nov 2022 – Present

- Directed and approved the design and implementation of the next-generation mobile connectivity project for two-wheelers, in collaboration with global partners in China, India, and Italy.
- Ensured high standards of project execution through rigorous management and review processes, enhancing the project's technological advancement and market readiness.
- Brought forward and executed the company's real-time data logger project, significantly enhancing the efficiency of vehicle diagnostics and monitoring capabilities through improved data collection and analysis.
- *Flutter, HERE Maps, AWS, Python, IPEmotion RT*

99x Technology   **Colombo, Sri Lanka**
Senior Software Engineer   Jun 2022 - Aug 2022

- Effectively led Scrum ceremonies as Scrum Master, collaborating closely with Norway-based Product Owners to ensure timely and high-quality product delivery.
- Streamlined infrastructure deployment on Azure utilizing ARM templates.
- Achieved in developing a compatibility layer between Mapbox GL with React Beautiful DND libraries, meeting client specifications for enhanced drag-and-drop functionalities.
- *Azure Functions, Azure DevOps, Azure Resource Manager (ARM), .NET Core, TypeScript, React, MS SQL Server*

Software Engineer   Mar 2020 - Jun 2022

- Led the successful design and development of scalable backend REST API services, leveraging ASP.NET Core and MS SQL Server to extend application functionality.
- Successfully implemented and integrated authentication middleware across the application using Microsoft Graph API and Azure AD B2C.
- Laid the groundwork for the React frontend and enabled Progressive Web Application (PWA) functionality.
- Integrated map functionality using Deck GL with MapBox GL to enable storing and retrieving coordinate data from user-drawn polygons along with custom metadata.
- *Azure Functions, Azure AD, Azure DevOps, .NET Core, TypeScript, React, MS SQL Server*

Trainee Software Engineer   Aug 2019 - Feb 2020

- Architected and implemented robust backend REST API services utilizing Express.js and MongoDB.
- Engineered and refined dynamic frontend components with Angular, delivering a user-centric interface.
- Automated cloud infrastructure deployment using AWS CDK, optimizing resource allocation and efficiency.
- Orchestrated the deployment and management of Docker containers on AWS EC2 instances, bolstering application scalability and reliability.
- Enhanced an in-house JSON data query language written in C++, significantly improving the performance
- *AWS EC2, AWS S3, AWS CDK, ExpressJS, TypeScript, C++, Angular, MongoDB, Jenkins, Docker*

Education

University Bourgogne Franche-Comté   **Montbéliard, France**
MSc. Internet of Things (M2) [Reading]   July, 2024
MSc. Internet of Things (M1) [Bien - 14.23/20]   July, 2023
Uva Wellassa University   **Badulla, Sri Lanka**
BSc. (Hons) (Sp.) Computer Science and Technology [2nd Class Upper - 3.37 GPA]   February, 2020