

Swapnali Vijay Kadam

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Work Experience

05/2022 – 12/2022 ST. JOHN'S, CANADA

Software Development Intern Enaimco – Accelerating Net Zero

- Managed assigned tasks in the DevOps environment, leading to a 10 % reduction in overall project delivery time.
- Conducted extensive research and analysis, leading to the identification of innovative solutions that enhanced system efficiency by 20%.
- Utilized the Figma Interface Design Tool to create visually captivating and user-friendly web pages, resulting in heightened user engagement levels.
- Developed cutting-edge web applications using Typescript, resulting in a significant 50% decrease in page load time and overall improved performance.

07/2017 – 08/2021 MUMBAI, INDIA

Software Engineer Ingram Micro India SSC Private Limited

- Successfully implemented Agile principles, such as iterative development and continuous improvement, to drive productivity and foster team cohesion.
- Employed JIRA to streamline the requirement management process, resulting in a 15% reduction in requirement-related issues and increased stakeholder satisfaction.
- Developed functional components in the Redux framework utilizing Typescript, ensuring the creation of modular and maintainable code.
- Designed and implemented optimized database schemas using MongoDB, leading to a 25% improvement in data access and processing speed.
- Built efficient REST APIs with Node.js and Express.js, resulting in an improved system response time.
- Conducted early-stage bug detection through component testing with Jest and Enzyme, as well as API testing using Chai and Mocha frameworks.
- Utilized the Knockout.js framework to provide production support to legacy software.



Skills

JavaScript # JQuery # React.js # Redux
TypeScript # EcmaScript6 # DOM
Knockout.js # Node.js # Express.js
HTML5 # CSS3 # Figma # MongoDB
MySQL # Jest and Enzyme # Agile
Chai and Mocha # Unit testing # SCRUM



Education

09/2021 – 08/2023 ST. JOHN'S, CANADA

Computer Science | Master of Science Memorial University of Newfoundland

08/2014 – 07/2017

Engineering | Information Technology Engineering D. Y. Patil Mumbai University



Academic Projects

Georeferencing Feature in Nature Palette Website (JavaScript, MongoDB)

- Developed georeferencing and data collection features to Nature's Palette Website for searching bird species by biological details, displaying results on Google Maps with shape drawing and marker hover-over capabilities.

Data Visualization to Explore Patterns in Landscaping Company's Data (Python, Matplotlib, Seaborn, Numpy, Pandas)

- I utilized Python visualizations to reveal data patterns, optimizing landscaping company performance, while also employing visualizations to assess customer satisfaction, pinpoint areas for improvement, analyze employee efficiency, and understand the correlation between employee performance and company growth.