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Shivam Patel

Software Developer

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EDUCATION

Master of Applied Computer Science, Concordia University
Bachelors of Engineering, Gujarat Technological University

09/2022 - 04/2024
07/2018 - 06/2022

WORK EXPERIENCE

OxAgile Inc

Software Developer (Part-time)
Software Developer Intern

Toronto, Ontario (Remote)

08/2023 — Present
01/2023 — 04/2023

- Engineered complex user interfaces and interactive features using ReactJS, resulting in a 20% increase in user engagement and a 15% decrease in bounce rate.
- Utilized state management libraries such as Redux to efficiently manage and share application state. Incorporated modern features like **hooks and context API**.
- Designed and developed **RESTful APIs** for client-server communication, ensuring data integrity and security. Achieved a **zero data breaches** during my tenure.
- Designed and developed real-time features using technologies like **WebSockets**, enhancing the application's interactivity.

TD Bank

Software Engineer Intern

Toronto, Ontario

05/2023 — 08/2023

- Spearheaded critical **API** using renowned technology such as **Java, Spring Boot, and Maven**.
- Crafted and implemented responsive user interfaces to enhance the user experience.
- Orchestrated the implementation of **CI/CD pipelines**, which significantly reduced deployment time.
- Managed a pristine codebase with version control using **BitBucket and Git**, resulting in **zero merge conflicts** and facilitating collaborative development. Additionally, demonstrated expertise in documentation through **Confluence**, improving team **knowledge sharing and reducing onboarding time** for new developers.

OM Infosolutions Inc

Android Application Developer Intern

Gujarat, India

01/2022 — 04/2022

- Testing, debugging, diagnosing, and correcting errors and faults** in an Application Development language within established testing protocols, guidelines, and quality standards to ensure programs and applications perform to specification.
- Composed and upheld program code** to meet system requirements. System designs and technical specifications in accordance with quality accredited standards.

PROJECTS

CodeBridge: niche-based social platform

ReactJs, SpringBoot, AWS Cloud, PostgreSQL, WebSockets

- Created a social platform that focuses on connecting developers and coders and helping to grow. Users can join live discussions and network with others in their field.

Contest Reminder

ReactJs, NodeJs, Selenium, Amazon SES

- Implemented an Email subscription service that reminds competitive programming contests hosted on platforms such as Codechef, Hackerrank, LeetCode etc.

Machine Learning: Eye for Blind

TensorFlow Lite, Android Studio, Java, Google API

- Engineered an application that can be helpful to **blind people** as they can **predict the distance of the object** that they can come to contact, not only predict but also our product will suggest the route and the medium of transport to reach the destination which will be controlled by our voice command. Used TensorFlow lite for **calculation of distance, OCR technique and Gmap for route suggestions**.

SKILLS

Languages

Java, C, JavaScript, C++, Python, TypeScript

Tools and Technology

Spring boot, MySQL, MongoDB, React, Angular, AWS, Redux, docker, Node.js, Express.js

Inter-Personal

Good Communicator, Teamwork and collaboration, Leadership and Initiative, Adaptability and Flexibility, Conflict Resolution and Solution-Oriented

Documentation

Software Requirement Specification, Software Architecture Documentation