KRITAN TAMRAKAR

17 Willis Drive, Brampton, ON L6W 1A8

437-599-3499 tamrakar@sheridancollege.ca https://www.linkedin.com/in/kritanTam/ https://github.com/MXMxRazer/

Summary

- Experienced in developing and maintaining full-scale web applications.
- Experienced and educated in seven stages of professional software development methodologies and architectures.
- Knowledge in the realms of machine learning, DevOps, and CI/CD pipeline.

Co-Op Work Experience

Veda App   **January 2022 - April 2022**
Software Engineer Intern   Bagmati, Nepal

- Collaborated with a team of developers to enhance the customer web application based on React.js, Node.js, Nest.js, and Spring by optimizing MySQL database queries and backend APIs, resulting in a 20% improvement in the overall performance of the system.
- Refactored the layout of different sections of front-end web application using React.js and tailwind, increasing 10%-15% of customer satisfaction.
- Engaged in the full software development lifecycle, from requirements gathering to deployment.
- Actively participated in the adoption of Agile software development practices, fostering a collaborative and adaptive work environment, enabling quick adaptation to changing project requirements.

Technical Skills

Languages: JavaScript, Python, Java, MySQL
Developer Tools: AWS, Docker, Jira, Git, Jenkins
Technologies/Frameworks: Nest.js, Node.js, Spring, RESTful APIs, React.js, Selenium, bash, GitHub.

Education

Sheridan College   **January 2023 - present**
Brampton, ON
Advanced Diploma in Software Development & Network Engineering
GPA: 3.61 / 4.0

Projects

Inventory Management System | Spring, Hibernate, JPA, MySQL   **September - October 2023**

- Constructed a spring-based micro-service architecture involving product inventory management and an order placement facility for clients.
- Incorporated various automated dev-ops strategies and utilized the Eureka server for high availability and elasticity of overall application.

Modern Authentication System | Nest.js, Node.js, Next.js, MySQL   **September 2023**

- Created a functioning modern authentication service using Nest.js (Spring-like framework) ensuring access to eligible users and protecting the system from unwanted users.
- Implemented proper RESTful APIs following the MVC model and ORM-based technologies for database manipulation.

Automated Sports News Scrapper| Python, Selenium, XPATH   **August 2023**

- Developed a scraper, automating data scrapping from the web at a fixed time frame in a day.
- Stored the data in a separate CSV formatted file each day for 100% readability.

Front-End For Everyone | React.js, Python, AWS, bash   **June 2023**
AWS Summit   Toronto, Canada

- Participated in a team to develop robust administrative applications, allowing authorized users to manage others profile through the admin services.
- Implemented the authentication and authorizations of the users in the application using various dev-ops tools and processes such as AWS Cognito, API gateway, and Elastic Beanstalk.

Extra Work Experience

Tim Horton's   **January 2023 - Present**
Team Member

- Performed within a team to serve customers drinks and food, increasing customer feedback by 15%.
- Interacted with an advanced POS system, taking orders from customers.