

Shaf Nasir

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Software Engineer with over 3 years of full-stack development experience building highly scalable frontend and backend services for a distinguished portfolio of 10+ clients, and productionizing large-scale distributed systems handling thousands of requests per second and yielding millions of dollars in revenue.

EDUCATION

University of Toronto

Bachelor of Science in Computer Science (Honours)

June 2020

Toronto, Canada

WORK EXPERIENCE

Levio

Toronto, Canada

Full Stack Developer II

March 2022 - Feb 2023

- Successfully orchestrated Kafka integration with Java Spring for a Real-Time Payments (RTP) platform, seamlessly handling over 100,000 real-time data stream transactions daily, guaranteeing integrity and scalability
- Engineered a pivotal Key Management Microservice in the RTP project, overseeing key and certificate management for enhanced communication reliability among 15+ services and reduced key retrieval time by 30%
- Enhanced in-house company product Blue Relay. Contributed using Angular, Bootstrap, Java, and PostgreSQL
- Developed an Associate Documents feature, allowing users to associate files seamlessly based on attributes and tags, resulting in a 100% efficiency gain when navigating between files
- Improved user navigation by implementing breadcrumbs functionality across various components, while also meeting accessibility requirements ensuring an enhanced and inclusive user experience
- Developed a data processing chatbot with GPT API and a local vector database, safeguarding enterprise data

Full Stack Developer I

March 2021 – March 2022

- Collaborated in agile development of an Angular application for a payments data platform, resulting in a 30% efficiency gain and yielding a revenue increase of over \$1 million for client Fiserv
- Implemented multiple front-end components and core login/permission services with TypeScript and Java
- Managed a Java-based CRM system for a client, utilised Jenkins and AWS for deployment of updates

First Derivatives

Toronto, Canada

Software Engineer

May 2018 – August 2019

- Created a Python web scraper to extract library catalogue data from 10+ Ontario public library websites, generating CSV files for trend analysis of E-Book availability, optimising catalogues
- Developed Java application for IESO, calculating spare electricity in Ontario neighbourhoods
- Built a robust Java program to simulate various scenarios in the Oracle MySQL database, enabling thorough QA testing and accurate identification of errors in spare electricity data
- Implemented an automated solution for website accessibility report collection for Public Health Ontario using Selenium and Python, significantly reducing the need for manual inspections

PROJECTS

Amazed

January 2021

- Developed a JavaScript-based Chrome extension that lists Reddit posts for Amazon products
- Extension loads Reddit links sorted by comments and displays the subreddit and author for each post

My Plan Book

January 2021

- Collaborated in a team of six to build an all-in-one multi planner Android app in Java
- Served as Scrum Master and managed Jira tickets while developing the essential calendar feature

SKILLS

Languages:

Java, Python, Typescript, JavaScript, HTML/CSS, C, SQL, C#, Racket, Scala

Software/Tools:

Angular, Spring, Kafka, Bootstrap, Android, Docker, NodeJS, ExpressJS, Avro, PostgreSQL, MySQL, Neo4j, MongoDB, AWS, Git, GitLab, CI/CD, Jira, Selenium, Postman, Flask