

Ramin Sami . Jarvis Consulting

I am a highly motivated software engineer with a solid educational background, passionate about the field of software development. I am currently seeking an exciting and challenging position where I can utilize my skills and expertise in designing and implementing innovative solutions. With a strong foundation in software engineering principles and hands-on experience in various programming languages, I am confident in my ability to contribute to the success of any development project. I am eager to collaborate with talented individuals and contribute to a team-driven environment that fosters creativity and growth.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Python, JavaScript/TypeScript, HTML, CSS/Bootstrap, ReactJS

Familiar: JQuery, Kotlin, C#, C/C++, PHP

Jarvis Projects

Project source code: https://github.com/Jarvis-Consulting-Group/jarvis_data_eng-RaminSamii.git

Cluster Monitor [GitHub]: Responsibly designed and implemented a Minimum Viable Product (MVP) that caters to the specific business requirements of the Linux Cluster Administration team at Jarvis. As a developer I efficiently created records of hardware specifications of 10 servers and monitored node resource usage. The collected data was in an RDBMS in real-time. Implemented the program leveraging various technologies and tools, such as Linux command lines, Bash scripts, PostgreSQL, docker, and more.

Core Java Apps [GitHub]:

- Twitter App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- JDBC App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.
- Grep App: Curabitur laoreet tristique leo, eget suscipit nisi. Sed in sodales ex. Maecenas vitae tincidunt dui, et eleifend quam.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Cloud Based HealthCare Service System: Designed and created a cloud-based application depicting a Health care system with the incorporation of patient and doctor sides. Developed No-SQL database management for patient and doctor data. Assembled services like credential encryption, appointment scheduling, and video chat between a patient and a doctor.

GPS Route Finder : Developed a GPS application in Java. Users can define a map consisting of cities and routes or choose from a pre-existing set. Supported on demand queries to obtain optimal route between cities handled by an optimized variation of Dijkstras algorithm for shortest path.

Plagiarism Detector: Programmed an algorithm inspired by Jaccard index to successfully detect similarities between two text documents and return a plagiarism score.

Professional Experiences

Software Developer, Jarvis (2023-present): Developed, analyzed, and modified programming systems, which involved tasks such as encoding, testing, and debugging. Gained valuable experience working with diverse arrays of large

data sets and large-scale data platforms. Following agile methodologies and utilizing git-flow, successfully developed applications that ran within Docker containers. Actively contributed to code-review sessions, ensuring that the code quality aligned with the specific business and project requirements.

Programming Instructor, Zebra Robotics (2022-2023): Taught 100+ students (grades 5-12) HTML, CSS, Python, JavaScript and Java. Delivered STEM based curricula to students of various ages, and periodically helped create said curricula. Acted as one of the lead delivery facilitators for workshops and modules.

Full Stack Developer, Finaeo Inc. (2021): Managed development projects through completion, optimizing all cross-browser and multiplatform compatibility. Gained technical development skills such as JavaScript/TypeScript as well as Git and other workflow experience. Managed time-sensitive updates, including content changes and upgrades. Provided input to the continual development of tooling and reporting to add tangible business benefits.

Education

Ontario Tech University (2017-2022), Bachelor of Engineering (Honours), Software Engineering - To be Added - To be Added - To be Added

Miscellaneous

- To be Added
- To be Added
- To be Added
- To be Added
- To be Added