

Sagar Vrajala

Software Engineer

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📁 PROFESSIONAL EXPERIENCE

Crio Launch 2020, Student Developer 📄 January 2020 – April 2020
Worked as a Backend Developer, contributed to and built projects and gained various product development skills and insight into best practices when it comes to building software.

📁 PROJECTS

Crio QCharm, (Java | Applied Data Structures and Algorithms) March 2020 – April 2020
Contributed to an online IDE used to edit and run code by implementing features in the back-end using various data structures and algorithms.

- Implemented features such as loading files into memory, quickly searching for text, cut-copy-paste, search-replace, and undo-redo.

Crio QMoney, (Java | Gradle) February 2020 – March 2020
Worked on the back-end of a visual stock portfolio analyzer tool.

- Worked on adding integrations to 3rd party API's, parsing JSON data, refactoring code, publishing it as a local library, and enhancing performance using multithreading.

TV Shows Tracker, (Python | Flask | SQLAlchemy) 📄 November 2018 – December 2018
Worked on a web application that can hold information related to television shows and films.

- Implemented features such as searching for shows/movies via a 3rd party API, customizing results into lists, and maintaining these lists by specifying details such as current season, episode, giving ratings, among others.

🧠 SKILLS

Programming / Scripting Languages
Java, SQL, Python, HTML/CSS

Frameworks
JavaFX, SQLAlchemy, Flask, Apache Cayenne

Version Control Software
Git, GitHub, GitKraken

Tools / IDEs
Android Studio, Scene Builder, UNIX Terminal, Atom, Postman, Wireshark, IntelliJ

Build Tools / Package Managers
Gradle, Make, NPM, Pipenv

Misc
Homebrew, Valgrind, Jenv

🎓 EDUCATION

SRM Institute Of Science And Technology, BSc Computer Science July 2017 – July 2020
• CGPA : 8.91 / 10.00

📄 CERTIFICATES

Build a Modern Computer from First Principles : From Nand To Tetris, May 2020
Hebrew University Of Jerusalem 📄

Object Oriented Programming with Java, part I, University of Helsinki 📄 October 2018