Raghavprasanna Rajagopalan

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SKILLS

LANGUAGES
Java • Python • Perl • HTML • CSS
Racket (Scheme) • ACL2s • C
JavaScript • SQL • R

FRAMEWORKS
AWS • Flask • AngularJS • J2EE
Tomcat • GraphQL

TOOLS
Bash/Zsh • Vi • Git & Github
Docker • CircleCI • Serverless • Conda
Jenkins • Postman • MongoDB

LINKS
Github: **github.com/raghavp96**
LinkedIn: **linkedin.com/in/raghavp96**

EDUCATION

NORTHEASTERN UNIVERSITY
BS in Computer Science and Biology
Expected May 2019 | Boston, MA
College of Computer and Information Science
Dean's List (Fall 2015, Fall 2017)
GPA: 3.62 / 4.0

AMSA CHARTER SCHOOL
Grad. May 2015 | Marlborough, MA

COURSEWORK

GRADUATE
Computer Systems
Bioinformatics I

UNDERGRADUATE
Object-Oriented Design
Algorithms and Data Structures
Logic and Computation
Fundamentals of Computer Science I/II
Discrete Structures
Biochemistry
Neurobiology
Organic Chemistry I/II
Biology Project Lab
Genetics and Molecular Biology
Inquiries in Cellular and Molecular Biology

EXPERIENCE

INTUIT | Software Engineering Co-op
January 2018 - June 2018 | Mountain View, CA
- Launched a platform-wide orchestration service leveraging AWS to modify data and resources across all the different components and services that make up QBO.
- Redesigned how CA certs are managed in the QBO platform and led an effort to externalize the QBO trust store from the monolithic code base.

CHARLES RIVER DEVELOPMENT | Software Engineering Co-op
January 2017 - June 2017 | Burlington, MA
- Built a highly configurable monitoring tool that can be used to monitor a cluster of application servers. It is actively being used to collect data on regularly occurring server performance tests.
- Designed a lightweight & efficient API verifier to preserve backwards compatibility with each release of the Java Client API. The tool is integrated with the build cycle, and can also be run alone.

DELL EMC | Software Intern
May 2016 – December 2016 | Franklin, MA
- Built an application (Java) to convert product exam certification descriptions to a newer format; led to 70 exam templates being updated and going live on ES landing page.
- Analyzed (Excel) certification and monthly invoice data to determine where/why losses incurred; resulted in a change in how product exams were ordered.

PARTNERS PHARMACY | Pharmacy Technician
April 2015 – May 2016 | Marlborough, MA
- Packaged Schedule IV and V prescription medication, working with compounds, liquids, medical kits, and bulk medicine.
- Obtained Pharmacy Technician registration, and learned Health Insurance Portability and Accountability Act (HIPAA) regulations and lab safety methods.

PROJECTS

DOCKERNET
August 2018 – August 2018
A configurable way to build and run containers all attached to the same Docker network, allowing for inter-container communication. This ensures your microservices are truly independent.

SAMSKRITI
January 2018 – PRESENT
A webapp built on a containerized microservice architecture. Serves content about the Sanskrit language, and will also have a REST API developers can interact with.

SLACKBOT
August 2017 - November 2017
A Slackbot that provides an easy way of getting air travel (flight) information via the (now deprecated) QPX Express API. (Used NodeJS, Slack API, StdLib).