Akram Sabbah

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Summary

Software Development Engineer with a background in Computer Science, passionate in creating user-friendly cross-platform applications. B.S. Degree in Computer Science and Engineering from UCLA, and Certificate in Full Stack Web Development from UC Berkeley Extension. Employs critical thinking and innovation to efficiently solve complex problems. Versatile and motivated team player with an eye for detail.

Education

Certificate, Full Stack Web Development – University of California, Berkeley Boot Camp   **June 2021**

Bachelor of Science, Computer Science and Engineering – University of California, Los Angeles   **August 2020**

Technical Skills

Languages: C, C++, Javascript, HTML, CSS, Python, Golang, Java, Swift, Prolog, Lisp, Scheme, Verilog

Applications: GitHub, Heroku, MySQL, MongoDB, Docker, Kubernetes, Ansible, Amazon AWS, Linux, Virsh

Software Tools: Node, Bootstrap, Express, React, Redux, Django, jQuery, GraphQL, Handlebars, Bulma, Jest, Stripe

Experience

Software Development Intern   **June-September 2019**
Wit.com, Inc.   **Emeryville, CA**

Leveraged technical knowledge to streamline remote server access. Devised an IPv6 Golang web API to remotely update DNSSEC keys and DNS resource records. Integrated, controlled, and customized virtual shell VMs and Amazon VPC instances.

Key Accomplishments:

- Deployed and managed Docker containers and Kubernetes clusters for company software modules.
- Constructed verification scripts to automate remote server login attempts from a list of trusted DNS hostnames and addresses, saving 50% of average login time.
- Debugged and performance tested a multi-platform cloud control panel GUI for Linux, MacOS, and Windows, improving latency by about 10%.

Student Intern   **August-September 2018**
ComputerLink   **Emeryville, CA**

Automated large-scale system provisioning by setting up servers using CD and Net install, PXE boot.

Key Accomplishments:

- Optimized company's PXE boot procedure by about 30% by modifying the TFTP BlockSize and WindowSize options.

Projects

Parking-Pal | github.com/the-glorious-4/parking-pal | parking-palz.herokuapp.com/

- Summary: Full-stack parking share app where users can rent parking spaces from other users

- Role: Front-end developer
- Tools: React, GraphQL, Node, Express, MongoDB, Mongoose, Javascript, MERN, Sass, Stripe

WikiPleiades | github.com/akramsabbah9/wikipleiades | enigmatic-savannah-82928.herokuapp.com/
- Summary: Collaborative astronomy-themed blog based on Wikimedia sites
- Role: Project lead, front-end & back-end developer
- Tools: Express, Express Handlebars, MySQL, Sequelize, Javascript, jQuery, ORM, Bulma

Hi, Tech | github.com/akramsabbah9/hi-tech | morning-plateau-83327.herokuapp.com/
- Summary: Content management system-themed technology blog
- Role: Sole author
- Tools: Express, Express Handlebars, MySQL, Sequelize, Javascript, CSS, ORM

Roshambo | github.com/akramsabbah9/roshambo | https://roshambo-ucla.herokuapp.com/
- Summary: Full-stack web application, users play rock-paper-scissors & bet on the outcome of games
- Role: Back-end developer
- Tools: Javascript, jQuery, React, Redux, Bootstrap, Python, Django, Django Channels, Docker, Stripe