Jonah Jacobsen

Senior Software Engineer

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Experienced Senior Software Engineer with expertise in Python, Linux / Bash, and C / C++. Acquired essential skills over five years in the industry within an elite team of Principal Engineers, as well as graduating with a B.S. in Computer Science. A disciplined remote worker adept at seamlessly integrating into Agile environments to make immediate and impactful contributions. Proven to deliver significant cost savings and enhancements across all areas of technology, spanning from test automation and DevOps to backend and frontend development.

Key Skills

Cloud Computing

Django

Docker

Artificial Intelligence (AI)

Kubernetes

Terraform

GCP

SQL

Continuous Integration and Continuous Delivery (CI/CD)

Full-Stack Development

Professional Experience

Arcserve   January 2021 - Present
Senior Software Engineer

- Promoted from Software Engineer to Senior Software Engineer.
- Wrote code and resolved bugs, resulting in millions of dollars in annual savings.
- Developed new services and features for the application, which are utilized in production on a daily basis.
- Innovated and created an automated regression testing pipeline.
- Implemented code used to deploy the application to production environments.
- Authored documentation for setting up the development environment and trained new developers.

StorageCraft Technology Corp.   August 2019 - January 2021
Software Engineer

Mastered new languages and tools like Terraform, Kubernetes, Atlassian, and Docker while on the job. Also cultivated many of the soft skills required in the industry, such as leadership, strategic thinking, team building, collaboration on large projects, and conflict resolution.

Institute of Behavioral Science   September 2015 - April 2019
Student System Administrator

Began this job during freshman year and continued part-time throughout college tenure at CU. This job served as a pivotal entry into the industry, managing servers and executing diverse computer science-related tasks for researchers.

Education

B.S. in Computer Science August 2015 - May 2019
University of Colorado Boulder

Relevant Coursework: Algorithms, Computer Systems, Data Structures, Data Systems, Intro to Artificial Intelligence, Network Systems, Data Science, Linux System Administration, Object-Oriented Design, Principles of Programming Languages, Operating Systems, Intro to Cyber Security, Theory of Computation

High School Diploma August 2012 - May 2015
St. Paul's School

St. Paul's School is a prestigious boarding institution, consistently ranked among the nation's top high schools. I was fortunate enough to earn a full ride scholarship. Actively participated in robotics, crew, and choir. It was in robotics that I wrote my first lines of code.

Projects

Machine Learning with Twilio

Developed a machine learning model with Twilio on AWS to predict optimal times for checking emails. Additionally, established a REST API for Twilio developers to seamlessly access and retrieve results from the model.

Personal Website and Stock Trading Application

Crafted a mobile-responsive personal website and stock trading application. Leveraged Django, Bootstrap, jQuery, DigitalOcean, Nginx, Gunicorn, and the Alpha Vantage API as core tools in building the site.