

Josh Crane

Davis, CA | [linkedin.com/in/josh-crane-bintree](https://www.linkedin.com/in/josh-crane-bintree) | bintree.io | psycholomo@gmail.com | (650)954-0311

WORK EXPERIENCE

Bayer Corp (acquired from Climate), Systems Engineer Architect Sep 2022 - Current

- Architected intricate workflows using Golang, Python, Lambda, and AWS Step Functions for data ingestion from diverse APIs and third-party SASSE apps, including CMDB, legal, training, Jira, and Okta processes into Cribl for routing into multiple endpoints for data storage, logging and searching for security compliance.
- Spearheaded optimization of log data ingestion processes into Splunk and Cribl, reducing volume from 500GB to 100GB daily, through effective team collaboration, data prioritization, and routing strategy enhancement, resulting in 40% efficiency improvement in cost and search with security requirements.
- Developed a RESTful API with Node.js to automate Okta integration with a legacy SQL database, eliminating 120 manual hours annually and tripling efficiency in user onboarding/off-boarding processes.
- Working with 3rd party MSPS and developers to advocate for exceptions to security policies and dev software to ensure pipelines and workflows would not be stalled.

Climate Corporation, Systems Engineer II Dec 2018 - Sep 2022

- Streamlined server bootstrapping, application deployment, and security tool deployments for thousands of endpoints using Ansible, Python, AWS Systems Manager (SSM), and Jamf.
- Developed scripts and workflows using Node.js to implement session timeouts for SAML applications.
- Implemented a Python and PowerShell program to detect and remove Oracle installations from users' machines, resulting in an estimated annual cost savings of \$400,000 for the company.

Dsa Technologies, Inc., Network Engineer May 2016 - Dec 2018

- Led, planned and designed a complex ERP implementation for all servers, training and endpoints. Collaborating with multiple teams and diverse stakeholders.
- Successfully eliminated redundant IT services, resulting in substantial savings of tens of thousands in MSP and ISP costs for the company.

Solarcity, Devops Engineer Dec 2014 - May 2016

- Orchestrated and supported over 100 applications using Power-shell and Chef in a large hybrid production environment spanning VMWare, Azure and AWS platforms.

EDUCATION

Fort Hays State University, Bachelor of Science Sep 2011 - May 2015 Information Networking & Telecommunications

Launch School, First Principles Software Engineering Jan 2017 - May 2020 Multi-year, full-stack software engineering curriculum with an emphasis on mastering core development skills. Utilizing Ruby, Javascript, Node and SQL.

Progression gated by written exams and live coding interviews with an emphasis on developing problem solving and technical skills.

SKILLS AND TECHNOLOGIES

[AWS](#) [Docker](#) [Linux](#) [Restful APIs](#) [Git](#) [Go](#) [SQL](#) [Python](#) [Node](#)