Angela Smith

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SUMMARY

Senior Engineer with nearly 20 years of experience in system engineering, developing innovative solutions and leading successful teams. Proven record of building and maintaining secure and stable environments for production and test systems. Experienced in leading unique development projects from concept to deployment. I am looking for a position where I can drive engineering initiatives and leverage modern technology to achieve optimal results with a unique company that challenges me.

EXPERIENCE

Head of Data & Analytics
Amaze Software   June 2023 - Present, US, CA, Costa Mesa
 • Consolidated and optimized existing data and reporting structure to lower overall costs by over 50%.
 • Led team in identifying and architecting solid, actionable datasets, increasing data reliability by over 60% using Snowflake, Tableau, and Google Analytics.
 • Using Jira and Confluence, a streamlined company-wide data request process was implemented, and projects were tracked using Kanban boards and scrum methodologies.
 • Designed and implemented a plan for increased self-service of data requests through team-led training sessions, written instructions, and consolidated dashboards and reports.
 • Partnered with subject matter experts in the continuous improvement process, upgraded data quality, and recommended improved information management strategies.

Head of DevOps Engineering and Information Systems
Amaze Software   May 2019 - June 2023, US, CA, San Francisco
 • Developed and implemented stable and secure AWS and Docker-based production, staging, and development environments of a no-code design tool enabling 100% remote development and office operations.
 • Based on input from high-level stakeholders, I redesigned the AWS ECS software stack to increase efficiency and stability by over 75%, making it better able to scale with the product's needs and growing user base.
 • As Release Engineer and System Administrator, optimized Gitlab CI/CD pipeline, increasing stability and reducing release time by over 80%.
 • As Infrastructure Engineer, implemented, optimized, and maintained systems, including Gitlab, AWS, Google Cloud Platform, and various Linux Systems.
 • Planned, managed, and implemented multiple domain migrations across Google Workspace and AWS Infrastructures.
 • As IT administrator, implemented and maintained various SAS management systems, in addition to communication and productivity tools.

Program Planning Analyst
Maxar Technology, Spacecraft Test Software   January 2015 - January 2019, US, CA, Palo Alto
 • Collaborated with multiple engineering and development teams to achieve target results.
 • Lead Python programmer for in-house designed CAD authoring tool used to create metadata-rich satellite payload drawings.
 • Collaborated closely with drafters to author scripts in Jython, enabling drawing automation, increasing productivity by over 45%, and mitigating chances for human error in intricate drawings by close to 80%.
 • Wrote Python scripts that leveraged the metadata content of drawings working collaboratively with engineers and program analysts.
 • Designed and maintained a suite of VBA-based Payload Tools used in the planning and creation of satellite payloads.

Sr Software Engineer
Space Systems/Loral   January 2008 - April 2015, US, CA, Palo Alto
 • Application developer for in-house designed CAD authoring tool used to develop metadata-rich satellite payload drawings.
 • Authored, edited, and maintained technical documentation of various software applications, policies, and procedures required for ISO 9001 certification ensuring compliance.
 • Collaborated closely with management to design and develop a specialized VBA-based workforce tool that included a Python-based web connection to query and pull data from an Oracle database to manage cost accounts and resource budgets for over 20 departments.
 • System administrator for the department's Bugzilla system expanded to include many external departments by merging

existing systems and custom configurations.
• Designed, Implemented, and administered new web-based systems, including JasperReports and LimeSurvey, and wrote custom interfaces in PHP and Perl for reporting.
• TAPS and Test System Administrator for Flight Software, managing both VM and Physical Linux systems running Debian, CentOS, and Ubuntu.

EDUCATION

University of California, Berkeley
BA in Anthropology • US, California, Berkeley

• Graduated with Honors and Distinction
• Honors Thesis: Poisoning Our Past - The Repatriation of Contaminated Artifacts

SKILLS

AWS Cloud Infrastructure, Cloud Formation, Fargate, ECS, Leadership, Linux Environments, MacOS, Project Planning, Written Communication, Shell Scripting, Database management, Virtualization, Docker, Google Cloud Platform, Gitlab, CI/CD, Jenkins, Release Management, Python, Perl, PHP, Javascript, HTML/CSS, Cloudwatch Logging, Architecture Design, Infrastructure Design, Information Security Best Practices, Unix