

SUMMARY

Software engineer focused on building internal web tools and automation. Skills include React, REST APIs, Python, Java, CI/CD (Jenkins), Docker/Kubernetes, ServiceNow, and AWS. B.S. in Software Engineering in progress; M.S. in AI planned. Active Secret clearance.

SKILLS

- **Languages:** Python, Java, SQL, JavaScript, HTML, CSS
- **Web:** React, Vue, Angular, Next.js, RESTful APIs
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Jenkins, Terraform, Git, Jira, Confluence, GCP
- **Data/ML:** Pandas, NumPy, Matplotlib, scikit-learn, TensorFlow, BigQuery, Power BI, Tableau

EXPERIENCE

SAIC (Science Applications International Corporation) — Software Engineer / Scrum Master (Internship)

Panama City, FL

- **SWE:** Contributed C++ development and version control on LCAC legacy-system retrofits.
- **Docs & testing:** Authored technical documentation and test artifacts for internal and client stakeholders.
- **Systems integration:** Integrated a legacy radar/navigation system into a current LCAC model and delivered supporting documentation.
- **Planning:** Assisted with IMS/IMP in Confluence, Jira, and Microsoft Project.
- **Agile:** Facilitated Scrum ceremonies; maintained task boards and burndown charts.

TSMC (Taiwan Semiconductor Manufacturing Company) — Process Engineer

Mar 2024 – Present

Phoenix, AZ

- **Internal tools & web apps:** Built isolated programs and department web applications to streamline specification/SOP handling and reduce system bloat.
- **Manufacturing ops:** Monitored lithography manufacturing; identified and resolved issue wafers; enforced specs and SOPs to support yield, quality, and reliability.
- **Continuous improvement:** Partnered with Mask, Equipment, and Manufacturing teams to analyze data, update SOPs, and implement process enhancements.
- **Cross-fab alignment:** Aligned internal and external fabs to meet requirements for clients including Nvidia, Apple, AMD, Tesla, and Intel.

Intel — IT Specialist

Nov 2023 – Mar 2024

Tempe, AZ

- **ServiceNow workflows:** Designed and implemented workflows to improve IT support alignment with departmental needs.
- **Incident resolution:** Troubleshoot and resolved hardware, software, and network incidents via the help desk.
- **Systems upkeep:** Maintained infrastructure through backups, updates, and patch management.
- **Reporting:** Generated KPI and SLA reports for performance tracking.

Infosys — Data Analyst / DevOps Engineer

Jul 2022 – Mar 2024

Phoenix, AZ

- **Client delivery:** Supported initiatives at Google (GCP), Microsoft (Loop), Intel (ServiceNow), Verizon (AI), CVS (ETL), and Bank of America (cloud) as Developer/DevOps/Data Engineer.
- **Analytics:** Used SQL and Python; built Tableau dashboards for insights.
- **ML:** Developed models with TensorFlow and scikit-learn; deployed on AWS SageMaker.
- **DevOps:** Built CI/CD and infrastructure with Jenkins, Docker, Kubernetes, and Terraform.
- **Orchestration:** Automated workflows with Apache Airflow and Kubernetes to streamline ML operations.

EDUCATION

M.S., Software Engineering (AI) — Western Governors University

Jan 2025 – Dec 2027

B.S., Software Engineering — Western Governors University

Jan 2023 – Dec 2025

Data Analytics Apprenticeship — New Apprenticeship

Mar 2022 – Dec 2023

CERTIFICATIONS & CLEARANCE

- AWS Certified Cloud Practitioner — Amazon — 2025
- ITIL® 4 Foundation — PeopleCert — 2025
- Data Analytics Apprenticeship — U.S. Department of Labor — 2023
- Google Data Analytics — Google — 2022
- Certified ScrumMaster® — Scrum Alliance — 2021
- Active Secret Clearance — U.S. Department of Defense — 2021–2025