

Nicholas Platt

Software Engineer
Technical Writer
Systems Engineer

Clearance: TS//SCI - FS
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Experience

Erias Ventures LLC

Software Engineer (Remote)

July 2022 - Present

- Developed and maintained full-stack web applications in Agile teams using Python (FastAPI), React/TypeScript, Docker, and AWS, owning features end-to-end from API design to UI implementation.
- Designed and deployed cloud infrastructure on AWS using EC2, S3, ECR, CloudFormation, and Secrets Manager.
- Built and maintained CI/CD pipelines (GitHub, Jenkins), adding automated checks for unit tests and code formatting compliance.
- Designed and executed automated test suites (unit, acceptance, E2E) using Pytest, Jest, and Selenium, maintaining ≥95% coverage.
- Diagnosed and resolved defects through root-cause analysis and debugging, improving system stability and maintainability.
- Managed source control across GitHub and GitLab, performing code reviews and merging pull requests.
- Implemented documentation-as-code practices and maintained developer/user documentation and architecture diagrams using Sphinx, LaTeX, and Markdown.
- Delivered technical briefings and live demonstrations to senior leadership on new features and system capabilities.

Boeing Intelligence & Analytics

Software Engineer

May 2021 - July 2022

- Developed and maintained web applications using Java, AngularJS, JavaScript, MongoDB, and Maven in an Agile environment.
- Enhanced UI/UX while ensuring compliance with Section 508 accessibility standards.
- Designed and executed automated test suites (JUnit, Selenium) to validate functionality and release readiness.
- Produced interactive Swagger documentation to support external system integration.
- Managed source code with Git and tracked defects, enhancements, and tasks in JIRA.
- Collaborated directly with customers to gather requirements and deliver new features and bug fixes.
- Provided technical support to end users and developers, answering feature and integration questions via help desk channels.
- Diagnosed and resolved user issues using internal backend tools, restoring functionality and minimizing downtime.

Technical Writer III / Systems Engineer

August 2018 - May 2021

- Authored and maintained 2,000+ pages of technical documentation in Confluence, covering system capabilities, procedures, and troubleshooting.
- Partnered with developers to document new features, workflows, and operational guidance.
- Produced training materials ranging from introductory guides to advanced user workflows.
- Tested pre-release features, validated functionality, and reported defects to engineering teams.
- Provided Tier 1-2 technical support via chat, email, and phone, resolving user issues with internal backend tools.
- Managed user requests and incidents by creating and tracking tickets in JIRA, including bug reports and feature requests.
- Supported proposal development for multimillion-dollar contracts, ensuring grammar, style, and compliance requirements.

United States Marine Corps

All Source Intelligence Analyst

August 2013 - August 2018

Education

University of Maryland Global Campus (UMGC)

- Masters in IT - Software Engineering | 2021 - 2023 | 4.0 GPA
- Bachelors in Computer Networking & Cybersecurity | 2016 - 2020 | 3.8 GPA

Skills

Python, FastAPI, Java, React, TypeScript, AngularJS, JavaScript, HTML, CSS, Docker, AWS, EC2, S3, ECR, CloudFormation, Secrets Manager, GitHub, GitLab, Jenkins, Git, Pytest, Jest, Selenium, JUnit, MongoDB, Maven, Swagger, Sphinx, LaTeX, Markdown, Confluence, JIRA