

Nicholas Platt

Software Engineer/Technical Writer

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Introduction

Technical professional with extensive experience in software engineering, technical writing, and collaborating across multiple teams to ensure content meets both technical accuracy and accessibility standards. Well versed in many different programming languages and environments. Extremely eager to join a team of professionals who strive to deliver the best product possible.

Education

University Of Maryland Global Campus | 2021 – 2023

MS Software Engineering – 4.0 GPA

University Of Maryland Global Campus | 2016 - 2020

BS Computer Networking & Cyber Security – 3.8 GPA

Experience

Erias Ventures

July 2022 - Present

Software Engineer

- Worked within an Agile environment developing web applications using the following technologies: Python, React + TypeScript, Jest, Pytest, and Docker.
- Utilized Git to manage version control of different repositories of data on both GitHub and GitLab.
- Generated unit, acceptance, and end-to-end tests utilizing the Pytest framework and Selenium.
- Created multiple Sphinx documentation directives to improve automated documentation creation.
- Completed numerous pull request reviews to merge code into multiple codebases.
- Deployed and developed on AWS, using CloudFormation, EC2, S3, ECR, Secrets Manager, etc.
- Updated developer and user focused documentation and diagrams.
- Implemented documentation as code practices using LaTeX and Markdown, treating documentation with the same version control, review processes, and automated testing as production code.

Boeing Intelligence & Analytics (BI&A)

August 2018 – July 2022

Software Engineer

May 2021 – July 2022

- Worked within an Agile environment developing web applications using the following technologies: HTML, CSS, JavaScript, Java, AngularJS, MongoDB, and Apache Maven.
- Improved UI/UX design through miscellaneous front-end development, ensuring that compliance needs were met for users with disabilities.
- Utilized Git to manage the version control of different repositories of data.
- Created interactive Swagger API documentation for developers to easily integrate their systems.
- Answered user questions through JIRA and created help tickets to track fixes for future cases.
- Created scripts to alter data stored within MongoDB.
- Directly worked with customer requests to build new features in software.
- Tested new features before release to users to ensure operability and document any issues/bugs.

Technical Writer III

August 2018 – May 2021

- Created, edited, modified, and compiled over 2,000 pages of tool documentation (within Confluence) to give analysts a resource to refer to with questions on how a specific tool functions and the capabilities available within the tool.
- Worked directly with developers to learn the latest features and functionalities of the tools to better assist customers.
- Assisted in the creation and updating of learning materials to help train users how to take advantage of available features in the tool, ranging from basic introductions to advanced workflows.
- Tested new features before release to production, while reporting bugs and suggestions directly to developers.
- Assisted with proposal writing for multimillion-dollar contracts, focusing on grammar and style compliance.

United States Marine Corps (USMC)

August 2013 – August 2018

ELINT Analyst (MOS: 2631)

- Delivered full electromagnetic spectrum reporting of target electromagnetic space to enable combatant commanders to develop an operational course of action as part of the E-Space Analysis Center program.
- Successfully briefed, deploying units, and interested offices, the capabilities offered by the E-Space Analysis Center.
- Maintained the office's Confluence space with relevant documentation and request procedures for users.
- Efficiently arranged and participated in the analysis, processing, and distribution of strategic and tactical intelligence.
- Worked closely with customers, tailoring reports to meet their standards and requirements.
- Completed and collaborated on over 200 serialized reports, utilizing multiple secure databases and tools while maintaining 100% compliance.

Skills

Programming Languages Python, JavaScript, TypeScript, Java, Markdown, HTML, CSS

Documentation Tools Confluence, MKDocs, Sphinx, Hugo, LaTeX

Frameworks Angular, ExpressJS, React, Pytest

Misc. Tools AWS, GitHub, GitLab, Jira/Confluence, Jenkins, Docker, K8s

Personal Projects

TriviaDart – A React + TypeScript web application that utilizes multiple APIs to give users over 50,000 trivia questions. Built using React, TypeScript, TailwindCSS, DaisyUI, Vite, and Supabase (API). TriviaDart gives user an intuitive, customizable, and fun way to play trivia. Created to help learn React and TypeScript fundamentals. Available to play or download as a progressive web application (PWA). Hosted on Railway for simple automated GitHub deployments – <https://triviadart.com>

Personal Documentation Website - A fully searchable and robust documentation site built using Material for MKDocs and written in Markdown. Created to help facilitate personal learning and retain all information from books and classes attended. Hosted on personal server inside a NGINX Docker container - <https://docs.nicklyss.com>