

# Widchard Faustin

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## FULL-STACK SOFTWARE ENGINEER

Experienced Full-Stack Software Engineer adept at developing algorithms, conducting root cause analyses, and architecting seamless system integration projects. Passionate about collaborating with others to build great solutions.

## AREAS OF EXPERTISE

Algorithm Development | Capacity Management and Allocation | Web and Mobile Application Development | Front-End Developer | Back-end Developer | Database Administration | Database Developer | Leadership | Collaboration | Network Capacity Monitoring | Cloud Developer | Prototype Designer | Test Case Developer

## SOFTWARE | TECHNOLOGY | CERTIFICATIONS

**Programming Languages/Frameworks:** Python | C# | C++ | C | Java | Groovy | React.JS | Angular.JS | SvelteJS | SQL | MongoDB | Node.JS | HTML/CSS/JavaScript | PHP | GDScript

**Tools:** Jira | Microsoft Office Suite | Figma | Git | Godot | Unity | Adobe Photoshop | Adobe Illustrator | Microsoft Visio | VRealize Operations | Selenium | Jenkins | Docker | Android Studio

**Certifications:** Microsoft Azure Fundamentals (AZ-900) | OpenEDG Python Certified Entry-Level Programmer

## PROFESSIONAL EXPERIENCE

**Wells Fargo**, Philadelphia, PA

**July 2021 - Present**

**Software Engineer**, July 2022 - Present

*Specialized in designing algorithms and architecting prototypes that were incorporated into large scale systems.*

- Developed algorithms to identify excess server capacity which enabled resource reallocation on over tens of thousands virtual assets and achieved multi-million in cost savings.
- Prototyped and engineered an internal capacity management tool using Angular.JS and Java SpringBoot to attain documented compliance on thousands of internal products.
- Supported and maintained a centralized patch deployments compliance portal using Oracle Apex and MySQL increasing reliability and reducing security risks.

**Wells Fargo**, Philadelphia, PA

**Technology Analyst**, July 2021 - July 2022

*Used network engineering and software developer skills to support capacity monitoring and compliance initiatives.*

- Directed a team of five to complete a UI overhaul for an internal reporting tool using Figma and React.JS
- Supported network capacity monitoring efforts for a period of four months to assess utilization irregularities, evaluate root causes, and propose corrective actions.
- Gained and utilized expertise of the VRealize Operations tool to lead the team in managing and reporting the documentation, allocation, and utilization of company cloud resources.

**StuDev**, Philadelphia, PA

**July 2020 - July 2021**

**Full-Stack Student Developer**

*Led a dev team of three to build a first iteration of a gifting service web application in an eight-month timeframe.*

- Architected the MongoDB database, the Angular.JS frontend web pages, and the RESTful Node.JS backend, leading to seamless integration between each part on both computers and phones alike.
- Assisted in demonstrating app functionality during stakeholder demos which directly led to the company receiving enough funding to move on from the MVP.

**Nuix North America**, Conshohocken, PA

**April 2019 - September 2019**

**Software Test Engineer**

*Developed and executed 1000+ of automated and manual tests as part of the agile DevOps team.*

- Identified and overhauled existing gaps in the Nuix Investigate Java/Groovy automation test suite, saving engineers hundreds of hours of conducting manual test cases in the Selenium Web Driver.
- Bolstered new QA hire productivity rate by conducting interactive training sessions in outlining test case structure, explaining best QA practices, and demonstrating sample test cases.

## **EDUCATION**

**Drexel University, Philadelphia, PA**  
**Master of Science (M.S.), Computer Science**

**Drexel University, Philadelphia, PA**  
**Bachelor of Science (B.S.), Computer Science (cum laude)**