

EDUCATION

- **The University of Michigan** Ann Arbor, MI
Computer Science B.S.E. 09/2014 – 04/2018

EXPERIENCE

- **Coupa Software, Inc.** Ann Arbor, MI
Software Engineer 01/2023 – Present
 - **Service Maintenance:** Analyzed and updated a critical platform component by refactoring code, adding unit tests to increase coverage, and improving documentation all while ensuring functionality was maintained
 - **Bug Fixes:** Addressed bugs to improve the resiliency and maintainability of the ASP.NET Core platform
- **Nutshell, Inc.** Ann Arbor, MI
Software Engineer 05/2022 – 11/2022
 - **Feature Development:** Developed new features for the CRM and seamless integrations with the parent company in PHP, GraphQL, and SQL using Docker, Git, Jenkins, and VSCode
 - **Escalations:** Effectively handled customer escalations in a timely manner, utilizing both troubleshooting skills and clear communication with the support team
- **Domino's Pizza, LLC** Ann Arbor, MI
Site Reliability/DevOps Engineer 01/2020 – 05/2022
 - **PKS (Kubernetes):** Worked to implement PKS within the environment, which involved cluster buildout, environment configuration, monitoring, Helm chart development, and infrastructure-as-code
 - **JenkinsX:** Built out JenkinsX within the PKS environment using Helm charts and running end-to-end validation scripts for each update
 - **Java Installation Automation:** Developed a method for seamless and automated java installation for runtime environments, cutting time spent by SRE resources installing java on VMs
 - **Other Automation:** Developed Jenkins jobs for automating various manual tasks
- Java Developer, Retail (Rotation Program)* 06/2019 – 12/2019
 - **Product:** Implemented a technology which allows in-store employees to see order information ahead of time, allowing them to prepare orders more quickly
 - **Technology:** Developed the backend Java service using Spring framework, Maven for dependency management, ActiveMQ and a variety of other tools to build, deploy, and test the application
 - **Teamwork:** Worked closely with a business analyst, frontend developer, and QA tester to ensure deadlines were met and the product was successfully delivered
- Site Reliability Engineer (Rotation Program)* 12/2018 – 05/2019
 - **Service Health Tool:** Developed a tool to check the health of all services, and to gather relevant data to ensure apps are running with the proper versions, saving time and finding issues by automatically running during releases and datacenter moves
 - **Environment Audit Tool:** Created a tool for comparing environment configurations to ensure consistency across CPU, memory, ulimits, opt size, kernel versions
- Java Developer, Web (Rotation Program)* 06/2018 – 11/2018
 - **PayPal Integration:** Integrated PayPal with our point-of-sales system
 - **Store Map Integration:** Implemented a store locator map within the Dominos app

PROJECTS

- **Todo App:** built using ASP.NET Core MVC framework, providing broad functionality for creating, reading, updating, and deleting tasks
- **GUI Calculator:** created using TkInter framework in Python as a fully featured stock calculator, with a comprehensive set of unit tests
- **navinkathawa.com:** personal website created using HTML, CSS, JS

SKILLS

- **Programming:** Java, Python, C++, PHP, C#, Bash, SQL, Ansible, Puppet
- **Technologies:** Kubernetes, Docker, Helm, Jenkins, .NET, Linux, Windows, Visual Studio, Git, GraphQL
- **Web Development:** HTML, CSS, JavaScript, Angular, pHTML