# Navin Kathawa

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## 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 – 06/2023*
  - **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 Visual Studio
  - **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

  *Technology Rotation Program* — *06/2018 – 12/2019*
  - **Digital Shoulder Surfing**: Working on a lean team as the sole backend developer, used Java, Spring framework, Maven, ActiveMQ and other tools to develop the backend service for a technology which enables in-store employees to see order information ahead of time, allowing them to prepare orders more quickly
  - **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
  - **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**: Created a portfolio website 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