UTSAV KAFLEY

+1(814) 251-2125 ⋄ Durham, NC

utsavkafleysoftware@gmail.com ⋄ linkedin.com/in/utsav-kafley/ ⋄ https://utsavkafley.vercel.app/

EXPERIENCE

Software Engineer   Jun 2023 - Present
BAE Systems

- Developed user-facing features using JavaScript, TypeScript, React and Redux for a data driven geospatial analysis application in an Agile development environment.
- Implemented backend services and APIs in Java, leveraging the OSGi framework to facilitate code reusability and maintainability through service-oriented architecture.
- Spearheaded research and implementation of RabbitMQ message broker service for real-time streaming of geospatial data. Optimized performance by using using Protocol Buffers as the primary data interchange format.
- Gained familiarity with Kubernetes concepts, including container orchestration, pod deployment, service discovery, and scaling, contributing to the design and deployment of scalable microservices architectures.
- Wrote comprehensive unit and integration tests using testing tools like Jest and Cypress, ensuring reliability and robustness of the codebase in both.
- Participated in regular code reviews with developers, providing constructive feedback and suggestions to improve code quality and maintainability.

Software Engineer Intern   May 2022 - Aug 2022
XPO Logistics

- Developed user-facing features using Javascript, Angular, RxJS in an agile development environment. Built RESTful APIs using .NET framework alongside a MySQL database.
- Wrote SQL scripts to fetch application data from database, wrote up-scripts and stored procedures in SQL Server Management Studio.

Software Engineer Intern   May 2021 - Aug 2021
Humana

- Developed user-facing features using Typescript and Vue.js in collaboration with UX design team. Experience with state management and working with Test Driven Development with tools like Jest and Cypress.
- Experience writing, testing and debugging backend application using .NET framework and working with a MySQL database. Collaborated with developers to implement time-sensitive features in a pair-programming environment.

Supply and Logistics Management   Mar 2015 - Jun 2020
U.S. Air Force

- Monitored daily shift operations in an aircraft maintenance unit. Logistics support to over 20 aircraft, aircrew and ground support technicians. Led multiple warehouse reports programs over 12 annual and quarterly inspections with less than 10% failure rate.

EDUCATION

Computer Science, B.S.
Pennsylvania State University   May 2020 - May 2023

SKILLS

Languages	JavaScript, TypeScript, Java, NodeJS, Python, C#
Frameworks	React, Angular, Vue, Jest, .NET
Tools	Git, Docker, Kubernetes, Postman, OpenLens, Azure DevOps
Methodologies	Agile, Test Driven Development, Pair Programming