UTSAV KAFLEY

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EXPERIENCE

Software Engineer   Jun 2023 - Present
BAE Systems

- Developed cutting edge geospatial solutions using Javascript, TypeScript, React and Redux for national and international defense forces, intelligence agencies, and homeland security.

- Implemented web services and RESTful APIs with Java and Python.

- Spearheaded research and implementation of RabbitMQ message broker service for live streaming of geospatial data. Leveraged web workers and Protocol Buffers to optimize streaming speed.

- Experience writing unit and end-to-end tests with frameworks like Jest, Cypress and Playwright.

- Experience working with Kubernetes for container orchestration, pod deployment, service discovery, and scaling.

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 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.

EDUCATION

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

SKILLS & INTERESTS

Skills: Agile Development, Git, Azure DevOPS, Docker, Kubernetes, Leaflet.js, WFS
Interests: Reading, Hiking, Soccer, Guitar