

Software Developer

Email: Kohnkaleb@gmail.com | Website: KalebKohn.com | Phone: 920-319-9209 | [Kaleb's LinkedIn](#)

Experience

Sentry Insurance, Madison, WI

June 2022 – Present

Associate Software Developer

- Converted Excel reports manually edited by business teams to a Spring MVC webpage that displays the same data pulled from SQL server database with modern tooling such as sorting and search, saving 700+ hours annually
- Developed React components with Typescript in Dynamics 365 application for customer service agents to use when interacting with customers
- Designed REST APIs utilizing Spring Boot 3 to fetch and process data from a SQL Server database
- Converted applications from Spring MVC to Vue for modernization improving performance, scalability and the dynamic nature of the web applications
- Improved code quality by eliminating 1000+ code smells and reducing method complexity
- Collaborated in Agile-driven development processes such as participating in daily standups, backlog meetings, and responding to rapidly changing requirements

United States Air Force, Madison, WI

Apr 2019 – Present

Maintenance Management Analyst (Secret Security Clearance), Staff Sergeant/E5

- Deployed to Saudi Arabia tracking information supporting operations Spartan Shield, and Inherent Resolve in over 500 combat sorties, and 8,000+ maintenance actions
- Conducted special studies and investigations by performing statistical analysis on anti-skid system and phased inspection
- Managed and operated Maintenance Information System (MIS) and performed functional system administrator (FSA) duties
- Reported findings to officers with recommendations and communicated significant factors affecting the mission

Education

University of Wisconsin-Madison

Bachelor of Science (B.S) in Computer Science, Certificate in Data Science

Expected Graduation: May 2025, GPA: 3.72

Projects/Clubs

- **Badger Solar Racing Club:** Reduced CPU consumption of the chase car dashboard by 80% using FastAPI and optimized React components
- **Social Media Steam Application:** Created a Vue 3 web application for searching and favoriting Steam games, with a MYSQL database and Spring Boot 3 API
- **Run Planning Web Application:** Django Web application generating running routes based on user input using Strava and Mapbox APIs, with an SQLite database
- **Web Scraping Script:** Script utilizing Python to gather information about realtors in Chicago, saving the client an estimated 40 hours of work

Languages/Technologies

- Java, Python, JavaScript, C, HTML, CSS, SQL, R
- React, Spring MVC, Django, MySQL, jQuery, REST APIs, JUnit, Docker, Git, Microsoft Office