Elvin Fonseca

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EDUCATION

University of Nebraska at Omaha |B.S Computer Science, B.S AI **Graduation Date: Fall 2026**

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, HTML, CSS
Frameworks & Libraries: React, React Native, Flask, Node.js, JupyterNotebooks, Pandas, scikit-learn
Databases: Firebase
Tools & Platforms: Git, Docker, CI/CD pipelines, Linux, Xcode

WORK EXPERIENCE

Take2
Full-Stack Software Development Start Up Intern Dec 2024 – Mar 2025

- Collaborated with a team of 4 developers to build and deploy a cross-platform movie-tracking app using **React**, **TypeScript**, and **Firebase**, now used by **3,000+ users** across iOS.
- Designed and implemented **10+** front-end components and their back end , enhancing mobile responsiveness and UI performance by **30%**, based on user interaction metrics.
- Resolved **20+ pre-launch bugs** and added critical features such as the import feature, notification tracking system and real-time updates, directly contributing to successful app deployment.

Mutual of Omaha
Full-Stack Software Development Intern May 2025– Present

- Maintained and enhanced 3 high traffic websites, supporting CI/CD workflows to deliver accessible, high-performance updates to 10K+ daily senior users seeking life insurance and retirement solutions.
- Contribute to Mutual of Omaha's mission to serve **19+ million customers nationwide**, building reliable and accessible digital experiences aligned with its 100+ year legacy of excellence.
- Contributing to **front and back end feature development and bug fixes** using **Laravel, Vue.Js JavaScript**, focusing on accessibility and performance improvements for elderly users

PROJECTS

DLR Group – AI Formatting Tool *Jan 2025-May 2025*

- **Led development of an AI-powered data processing tool** for **DLR Group**, a global integrated design firm with 30+ offices, modernizing how they process complex course scheduling data from educational institutions.
- Built with **Python, Pandas, and Azure OpenAI**, the solution reduced processing time by **99%** and cut error rates to **<1%**, enabling scalable, production-ready automation aligned with DLR's architectural and engineering workflows.

Web Development Project – UV Index Checker *August 2024*

- Designed an interactive web application employing **Python** and **Flask** to provide instant UV index updates through geolocation services; streamlined data retrieval process, reducing load times by 60% and increasing user satisfaction.
- Designed an interactive and user-friendly interface with **HTML, CSS, and Jinja2** templating to provide users with clear visual indicators of UV levels using color-coded categories for low, moderate, and high UV indexes.
- Implemented **RESTful API** calls to obtain current and forecasted UV index data, leveraging **JSON** data parsing to handle and display relevant information.