

Saebastion Cole

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Education

University of Nebraska Omaha, Omaha, Nebraska
Bachelor of Science in Computer Science

December 2022

Projects

Stock Monitor Platform

Stack: React, TypeScript, C#, ASP.NET API, PostgreSQL, AlpacaAPI, oLlama Models

- Developed a near-real-time stock monitoring dashboard for analyzing NYSE equities.
- Built an **ASP.NET Web API** backend to aggregate market data, execute API calls, and manage user watchlists.
- Implemented a **React + TypeScript** frontend with interactive charts and data visualizations.
- Integrated the **AlpacaAPI** to access real-time market data and enable simulated trading features.
- Connected to **oLlama LLM models** to provide AI-generated insights on recent stock performance and market trends.
- Utilized **PostgreSQL** for persistent storage of watchlists, query results, and trading history.

Roulette Game

Stack: Microcontrollers, Relays, 3D Modeling, Embedded Systems, LCD Displays

- Designed and built a fully functional game using microcontrollers and embedded logic.
- Engineered relay-driven control systems to manage wheel movement, LED indicators, and user interactions.
- Created custom **3D-modeled components** for the wheel, housing, and interactive elements.
- Integrated **LCD screens** for displaying game status, results, and animations.
- Developed firmware to manage game flow, enforce rules, and ensure reliability across repeated cycles.

Work Experience

Software Development Engineering – Professional II

Fiserv, Omaha, NE

July 2025 – Present

- Maintain and support critical production workflows across enterprise systems.

- Modernize legacy applications and participate in system transformation initiatives.
- Integrate and enhance CI/CD pipelines to improve deployment reliability and speed.
- Utilize C# and additional tools to deliver scalable, maintainable software solutions.

Technology Analyst II

Fiserv, Omaha, NE

June 2024 – July 2025

- Led analysis and development tasks for modernizing core payment and financial systems.
- Worked cross-functionally with engineering, QA, and business teams in an agile environment.
- Enhanced automation processes and contributed to improvements in system efficiency.

Technology Analyst

Fiserv, Omaha, NE

January 2023 – June 2024

- Developed and maintained applications on both mainframe and modern platforms.
- Programmed with COBOL and JCL while supporting daily operational workflows.
- Collaborated in agile teams to deliver incremental business value.
- Utilized Microsoft Office tools (Outlook, Teams, Word, Excel) for communication, documentation, and task management.

Technology Intern

Fiserv, Omaha, NE

June 2022 – January 2023

- Assisted in development, testing, and support of mainframe applications using COBOL and JCL.
- Participated in agile ceremonies including daily standups, sprint planning, and retrospectives.
- Gained foundational experience with enterprise systems and collaborative development practices.
- Supported team initiatives by preparing documentation and completing assigned technical tasks.