Brandon Cole

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EDUCATION

Rochester Institute of Technology (RIT), Rochester, NY   Expected Fall 2024
Bachelor of Science, Game Design and Development   **GPA: 3.74**
Related Courses: Data Structures and Algorithms I & II (C++), Rich Media Web App Development I (JavaScript), Interactive Media Development (C#), Computer Science I (Python)

SKILLS

Programming Languages: JavaScript, TypeScript, C++, C#, Python, HTML, CSS, SQL
Tools: React, Angular, Node, Express, Axios, Redis, Socket.io, MySQL, PostgreSQL, MongoDB, Prisma, AWS, Docker, Visual Studio, VSCode, Unity, Git, Jira

WORK EXPERIENCE

Sandbox Union   **July 2023 – December 2023**
Full Stack Co-op
- Contributed to both **frontend and backend** development using modern **frameworks** and technologies.
- Collaborated with a cross-functional **team** to design and develop web applications for **various clients**, leveraging **Git** with **GitFlow** for enhanced version control and **CI/CD pipelines** for efficient deployments.
- Actively participated in **Agile** practices including **sprint planning** and **daily stand-ups**; utilized **Jira** for task tracking and effective **project management.**

PROJECTS

Ideal Food Basket Custom PO System (Freelance Project)   **October 2023**
- **Full-Stack**: Engineered a responsive web application using **Angular** for frontend and **Express** for backend, facilitating efficient purchase ordering for a **70-location grocery chain**.
- **Database & ORM**: Implemented a robust database using **AWS RDS** with **PostgreSQL**, managed through **Prisma** ORM for optimal data relations and streamlined query processes.
- **Deployment & Scalability**: Utilized **Docker** containers to ensure application consistency across environments and deployed on **Heroku** with **CI/CD pipelines** for seamless updates and scalability.
- **Security & Role Management**: Integrated multi-level user authentication, ensuring secure, role-specific access to stores and administrative personnel.

Case Compass (Sandbox Union)   **July 2023 - December 2023**
- **Web-Based Platform**: Designed for legal firms to manage cases and clients, initially focusing on landlord-tenant law but expanded for diverse practices.
- **Enhanced Customization**: Developed the platform to support various caseloads with tailored functionality.
- **Features**: Offers tools for attorneys and clients to monitor case progress, handle documents, automate communications (emails & SMS), and integrate with third-party software.
- **Contributions**: Played a significant role in both frontend and backend development of this multifaceted web app.

LEADERSHIP

Sigma Chi
- Brother of the Lambda Kappa Chapter of the Sigma Chi Fraternity since April 2021.
- Gained extensive leadership skills and experience serving as Public Relations Chairman, Historian, Diversity & Inclusion Chairman, IFC Delegate, and Judicial Board Juror.

Gamma Sigma Alpha
- Joined Spring 2023
- National Greek Academic Honor Society that recognizes the academic accomplishments of fraternity and sorority members.

Certificate of Enduring Leadership
- Successfully completed a week-long leadership summit in Salt Lake City, Utah in August 2023.

Certificate of Authentic Leadership
- Successfully completed a 3 day in-person leadership workshop in August 2022.