

# Anthony Goldhammer

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## Experience

### Full Stack Software Engineer

#### Synchro

May 2024 – Current, Fort Mill, SC

- Designed and developed responsive web applications using **TypeScript, CSS, and HTML**, delivering user-friendly, engaging interfaces for athletes and coaches.
- Implemented **React.js front-end** functionality and **Node.js back-end** services, creating a robust Strength & Conditioning Hub.
- **Developed 20+ RESTful API endpoints** to support seamless data exchange between frontend and backend services.
- **Delivered 8+ frontend features** for the Strength & Conditioning Hub, including performance dashboards, workout planning tools, and media galleries.
- Leveraged **TypeScript, React, Node.js, and PostgreSQL** as the core technology stack for building scalable, maintainable web solutions.
- Increased team **sprint velocity by 50%** by introducing improved task breakdowns, reusable code modules, and streamlined workflows.
- Utilized **Azure Cloud** to host the PostgreSQL database, Node.js backend, React frontend, and unstructured storage (images/videos).
- Applied **Tailwind CSS** to standardize styling and accelerate development across Synchro's React applications.
- Established **coding fundamentals, patterns, and best practices** that improved collaboration, maintainability, and performance of Synchro's web applications.

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## Projects

### Synchro

Company Project • <https://strength-demo.gosynchro.io/>

- Developed and soft launched React Website, with another developer and a product manager.
- Used TypeScript, CSS, React, Node.js, Azure
- Worked on and created Exercises Page, Testing KPIs page, multiple modals, and implemented coach AI.
- Non Functional Demo is shown above.

### Goldhammer.me

Personal Project • [www.goldhammer.me/](https://www.goldhammer.me/)

June 2024 – August 2024

- **Developed and launched a responsive website** using Vercel, leveraging modern developer tools and cloud infrastructure to deliver a personalized user experience.
- **Utilized TypeScript, CSS, and HTML** to create a dynamic and maintainable codebase.
- **Designed and implemented an interactive navigation bar** and ensured full scalability across various devices and screen sizes, enhancing usability and accessibility.

### DaVinci Academia

University of South Carolina • [github.com/Shreklord/DaVinciAcademia](https://github.com/Shreklord/DaVinciAcademia)

January 2023 – April 2024

- **Designed and implemented a robust JSON-based backend** to support a custom Java application, ensuring seamless data exchange and storage.
- **Developed a modular architecture with interconnected classes**, promoting scalability and maintainability.
- **Integrated the backend with a JavaFX front end**, providing a dynamic and user-friendly interface tailored to different user roles and permissions.
- **Built role-based access controls** with unique displays and functionality, enhancing user experience and security.

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## Education

### Bachelor of Science

University Of South Carolina • Columbia, SC • May 2026 • 3.739

- Bachelor of Science Computer Science Major SC Life Scholarship.
- Minor In Mathematics
- Concentration in Artificial Intelligence