ADITHYA GUNDLAPALLI

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EDUCATION

University of California, Santa Cruz   **Santa Cruz, California**
B.S. in Computer Science (GPA: 3.86/4.00 (Dean's Honors List))   *Expected Graduation, May 2026*
- o **Concentrations:** Software Engineering
- o **Related Coursework:** Object-Oriented Programming, Programming Abstractions: Python, Computer Systems and Assembly Language and Lab, Discrete Mathematics

EXPERIENCE

UCSC Information Technology Services   **Santa Cruz, California**
Learning Technologies Consultant   *May 2024 – Present*
- Guided **50+** novice customers weekly in mastering essential software applications, ensuring smooth class operations, and enhancing overall computer proficiency in labs.
- Performed routine lab and library maintenance, supervising over **20** printers, and ensuring **100%** uptime by regularly cleaning equipment and performing necessary repairs.
- Monitored computer labs with **50+** workstations, troubleshooting **95%** of hardware issues on the spot and implemented protocols to reduce misuse and theft.

Intern Protege Inc.   **Remote**
Web Development Intern   *Nov 2023 – Apr 2024*
- Contributed to the front-end development of the MVP by implementing **30%** of its interface using **Angular** and **TypeScript**, focusing on creating user-friendly features and components.
- Collaborated with UI/UX designers to translate **Figma** wireframes and mockups into actual code, resulting in a **20%** reduction in design-to-development turnaround time.
- Resolved **20+** major technical issues and bugs using standard debugging practices, leading to a **30%** reduction in the overall bug backlog.
- Leveraged **Git** and **GitHub** to efficiently streamline group collaboration, resulting in a **40%** decrease in code integration errors.
- Worked closely with a team of **7** developers through regular meetings and 1:1s, improving project velocity by **10%** and enabling early milestone completion.

PROJECTS

NutriMate
- Developed a web-based nutrition tracking application helping **20+** individuals in my personal network manage daily caloric and protein intake through a user-friendly interface.
- Introduced a feature allowing users to set personalized calorie and protein goals, with automatic updates and persistent storage using JavaScript **localStorage**.
- Implemented features using **HTML**, **CSS**, and **JavaScript** to log and manage food entries, display cumulative caloric and protein values for each meal, and calculate daily intake for immediate nutritional feedback.

Renter Helper
- Contributed significantly to developing an innovative **IOS application** to bridge the housing gap between homeowners and renters, specifically addressing the pressing housing crisis at the University of California, Santa Cruz.
- Developed front-end components using **React Native** to build an interactive interface for the messaging and chat system.
- Integrated **Firebase** on the back-end to enable real-time chat capabilities, enhancing user engagement and communication efficiency.

Personal Portfolio (adithyagundlapalli.netlify.app)
- Built a functional portfolio website using **React** to showcase my skills, projects, and experience.
- Developed a responsive design using standard **CSS** styling and utilized **NPM** packages to integrate interactive components to highlight my expertise in modern web development practices.

SKILLS

Programming: (Proficient): Python, JavaScript, HTML, CSS, React (Familiar): Angular, TypeScript, Java, JQuery, C/C++
Tools: Visual Studio Code, PyCharm, GitHub, Git, Figma