

# **Professional Summary**

Passionate front-end software engineer and Dean's List student majoring in Computer Science at the University of Central Florida, seeking opportunities to apply my technical skills and practical experience. With my diverse project work showcasing my skills in HTML, CSS, JavaScript, and popular frameworks such as React, I aim to bring dedication, adaptability, and innovation to a corporation recruiting college STEM talent.

#### Education

### University of Central Florida

Aug. 2021 - May 2025

College of Engineering and Computer Science

Orlando, Florida

Bachelor of Science: Computer Science

Cumulative GPA

3.4/4.0

Dean's List

February 2022, February 2024

# **Current Relevant Coursework**

• Programming Languages

• Web and User Experience

- Social Network Analysis
- Senior Design

# **Projects**

# Altitude Motors | VS Code, HTML5, CSS3, JavaScript, React.js

October 2023

- Altitude Motors is a mock exotic car dealership site fully coded in the JavaScript framework React.js.
- Utilized React routes and hooks along with clean and concise code using Block Element Modifier (BEM) methodology to provide power and sustainability.
- Implemented dynamic programming methodology to minimize redundancy and maximize code effectiveness.
- Utilized Responsive Web Design (RWD) to multiple screen resolutions to improve visual appeal, generating upwards of a 35% increase in user experience satisfaction.

### **E-Portfolio** | VS Code, HTML5, CSS3, JavaScript

February 2023

- Created an E-Portfolio to showcase skills in website development.
- Polished transitions and user-driven web design with the purpose of highlighting technical proficiencies and project developments.
- Clean and concise code utilizing BEM methodology to demonstrate industry-level mastery in multiple technical languages.

### Online E-Commerce Library | VS Code, HTML5, CSS3, JavaScript

November 2022

- Programmed an e-library with the purpose of developing online shopping.
- Designed multiple sections such as a features tab and product sales.
- Implemented BEM methodology to create efficient code with the purpose of enhancing user experience to sell a product.

### Experience

#### Army Reserve Project Mercury

September 2024 – Present

 $Team\ Lead,\ LOE3$ 

Remote

- Administrative innovation effort sponsored by the US Army Reserves, National Security Innovation Network, and the University of Central Florida.
- Directed the integration and automation of DA 1380 form functionality, leading a frontend development team to streamline soldier training hour tracking and task approvals, significantly enhancing administrative efficiency and reducing manual errors.
- Spearheaded the design and optimization of Lodging-In-Kind (LIK) workflows, orchestrating cross-functional efforts to digitize request processes, enable seamless data extraction for leader dashboards, and improve both soldier and leader interface usability.
- Envisioned and led the development of a graphical pay status calendar and multi-year BA calendars, ensuring accessible web and mobile solutions that increased soldier engagement and operational readiness through proactive scheduling visibility and intuitive design.

Technology Intern Remote

• Played a key role in web development for client websites. Collaborated closely with colleagues to interpret client requirements and implement frontend solutions, ensuring seamless user experiences and adherence to design principles.

- Spearheaded a variety of client projects with the focus of marketing the clients as best as possible. Took ownership of creative design and implementation, developing innovative solutions that elevated visual appeal and effectively showcased the clients to their target audiences.
- Utilized a powerful CRM platform known as Salesforce to effectively interpret client data and trends. Boosted productivity by streamlining employee workflows, enhancing efficiency and data management within the company.

#### Frontend Simplified

August 2022 – February 2023

Student

Remote

- Front-end software engineering course designed to learn and apply industry-level coding skills in preparation to contribute immediately to my employer.
- Learned and worked with best-practice methodologies such as Block Element Modifier, Responsive Web Design, and site rendering optimization.
- Explored ways to further advance user satisfaction and experience with the purpose of creating successful, economically efficient websites.

Part-time positions throughout academic journey to facilitate educational finances.

2021 - 2023

### Technical Skills

Languages: HTML5, CSS3, JavaScript, TypeScript, Java, C, C++, Python

Technologies/Frameworks: React.js, React Native, Next.js, Node.js, Tailwind CSS, PostgreSQL, Prisma, Firebase, Docker, Expo, WordPress, HubSpot, Salesforce

Developer Tools: VS Code, WebStorm, Eclipse, CLion, Jester, PyCharm, Replit, GitHub, Google Analytics

# Leadership / Extracurricular

### UCF Design and Code

Fall 2023

Member

University of Central Florida

- UCF student organization that specializes in web design and development. Dedicated and focused on creating content for the digital world.
- Hosts coding and design workshops in which members create team-based projects to complete specific given tasks.
- Hosts speaker events that invites professionals from top-tech companies to provide professional feedback and first-hand experience in the industry.

UCF Excel Fall 2021

STEM Student

University of Central Florida

- Excel aims to increase student success in STEM related fields at the University of Central Florida.
- Worked with groups of peers to perform research on STEM related topics under the guidance of Dr. Melissa Dagley, Executive Director of Excel.
- Participated in Hack@UCF club meetings and member events to expand knowledge in software and hardware.