

# Brody Smith

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## Professional Summary

Highly motivated Computer Science student specializing in software development with a focus on cloud technologies (AWS). Proven ability to design and implement scalable solutions using Python, Java, and AWS services like EC2 for application deployment and S3 for data storage, demonstrated through project experience and coursework in data structures and algorithms.

## Skills

**Programming Languages:** Python, Java, JavaScript, HTML/CSS

**Cloud Technologies:** AWS (EC2, S3)

**Frameworks & Libraries:** Django, Pandas, NumPy

**Development Concepts:** Data Structures & Algorithms, Object Oriented Programming, Unit Testing

**Tools & Platforms:** Git, SQL, Linux/Unix, Bash/Shell, Visual Studio Code, Excel/Numbers/Sheets

## Education

**San Jose State University**  
*Bachelor's, Computer Science*

**May 2027**  
*GPA: 4*

## Professional Experience

**Coastal Pines 30A**  
*Network and Frontend Engineer*

**Santa Rosa Beach, FL, USA**  
*Nov 2023 - Present*

- Spearheaded the development of a new company website, prioritizing an intuitive user interface, seamless online booking functionality, and real-time backend integration to elevate guest experiences and streamline property management workflows
- Architected and maintained a high-performance network infrastructure for luxury vacation rental properties, ensuring reliable connectivity and seamless remote management to enhance guest satisfaction and operational efficiency
- Researched, evaluated, and implemented cutting-edge frontend technologies to ensure reliable streaming of security cameras for guest safety while enabling privacy blocks for guests

**Interval Loop**  
*Front-end Developer*

**Remote**  
*Nov 2021 - Nov 2023*

- Revamped clients' websites to optimize the user experience
- Developed logos and created marketing materials to stimulate engagement

## Project Experience

**Certificate Request Application**

- Designed and developed a user-friendly application for students to request achievement certificates
- Implemented user interface design, data flow diagrams, and entity relationship modeling to ensure seamless functionality
- Utilized project management techniques, including critical path analysis and weighted alternative matrix, to effectively manage requirements and ensure timely delivery

## Interests

**Design:** Generative Artwork, User experience, Interface design

**Computer:** PC Building, Keyboard Customization, Gaming, LoRa Radio, Software

**Nature:** Hiking, Camping, Skiing