

Brody Smith

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PROFESSIONAL SUMMARY

Motivated Computer Science student with a strong foundation in software development and a growing emphasis on backend engineering. Experienced in designing and implementing scalable backend solutions using Python, Java, and AWS services such as EC2 and S3. Complemented by front-end experience using HTML, CSS, and JavaScript, enabling seamless integration of user interfaces with robust backend systems. Reinforced by strong coursework in data structures and algorithms and a passion for building efficient, maintainable software systems.

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 - Aug 2025

- Building responsive frontend interfaces that connect with external APIs for property data, enhancing the user experience and operational efficiency.
- Developed a new company website, focusing on an intuitive user interface to enhance guest experiences and streamline property management workflows.
- Designed and maintained a high-performance network infrastructure for a luxury vacation rental, ensuring reliable connectivity and seamless remote management to enhance guest satisfaction and operational efficiency.

PROJECT EXPERIENCE

EduVault— Student Information Management System

- Technologies: Java, JavaFX, Maven, FXML, Data Persistence
- Served as technical team lead & engineer overseeing repository management and coordinating contributions from 3 other students, implementing structured version control practices that facilitated seamless integration of 120+ commits across multiple branches
- Developed a full-stack desktop application with MVC architecture to manage student profiles, technical skills, and faculty evaluations across many integrated views
- Implemented Repository pattern with CRUD operations supporting dynamic search/filtering, recruitment flagging (allowlist/denylist)
- Engineered custom CSV parser using regex to handle various fields, with Observable collections enabling reactive UI updates and automatic data synchronization
- [Link to project](#)

SKILLS

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

Cloud Technologies: AWS (EC2, S3), Cloudflare Workers

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

Tools & Platforms: Git, SQL, Docker, Linux/Unix, Bash/Shell, Hugo, Cloudflare (Wrangler, Pages), Visual Studio Code

Frameworks & Libraries: Django, Pandas, Numpy

AI Developer Tools: Cursor, GitHub Copilot, Continue.dev (local LLMs)

INTERESTS

Computer: AI Deployment, PC Building, Keyboard Customization, Gaming

Design: Generative Artwork, UI/UX

Nature: Hiking, Camping, Skiing