

Jaden Crews Full Stack Software Engineer

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🧠 Skills

Full-Stack Expertise: React.js, PostgreSQL, REST APIs, Serverless Architecture, Single Page Applications (SPAs), Asynchronous Programming, JWT (JSON Web Tokens)

Front-End Technologies: JavaScript, HTML5, CSS3, Bootstrap, Responsive Design, Cross-Browser Compatibility, UI/UX Principles, State Management (Context API)

Back-End Development: Python, Flask, RESTful API Design, Data Modeling, Authentication, Authorization, Database Migrations, Server Management

Development Tools: Visual Studio Code, Agile, GitHub Projects, Debugging, OOP

🎓 Education

Full Stack Software Development Certification, 4Geeks Academy	04/2024 – 09/2024 Remote, Florida
High-School Diploma, Stow-Munroe Falls High-School	08/2014 – 05/2018 Stow, Ohio

📁 Projects

Brew Buddy

- Developed a full-stack web application in an Agile environment and collaborated with a team of four other full stack engineers. Applied React, Python with Flask, deployed with Vercel, and integrated PostgreSQL as a relational database.
- Mapped out brewery routes utilizing Google Maps API, creating a comprehensive brewery discovery and navigation tool for 1,000's of breweries.
 - Constructed the brewery review system with a star-rating and comment feature.
 - Integrated PostgreSQL to improve system reliability and data consistency.
 - implemented JWT to authenticate users and create private routes to ensure security.

Ai Recipe Assistant

- Full-stack web application built with React.js and Flask API that leverages AI to help users create and discover recipes.
- Integrates Google Gemini AI for recipe creation based on available ingredients
 - Accepts voice and image inputs for recipe scanning and creation using Google Cloud Speech-to-Text and Vision APIs
 - Interactive chatbot interface for personalized recipe recommendations and cooking tips
 - Firebase authentication and Firestore database for user management

👤 Professional Experience

4Geeks Academy

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| Full-Stack Development Teacher Assistant | 11/2024 – present |
| <ul style="list-style-type: none">- Conducted rigorous code reviews for over 50 student projects across all development tiers (Back-End, Front-End, Full-Stack), providing constructive feedback on code quality, best practices, and potential improvements.- Streamlined the learning experience by managing class logistics, including session recording, break-out room creation, and timely dissemination of important information to students.- During final projects, actively supported multiple student teams by jumping between groups to troubleshoot code and answer questions.- Promoted to mentor after showcasing exceptional coding abilities- Partnered with the instructor to drive home core concepts. | |
| 1-on-1 Coding Tutor | 03/2025 – present |
| <ul style="list-style-type: none">- Provide individualized technical guidance to full-stack development students during hour-long tutoring sessions.- Help students debug and progress through challenging front-end and back-end projects using tools such as Flask, PostgreSQL, and React.- Offer hands-on code support and advice tailored to students' specific project needs, promoting deeper understanding of programming concepts.- Strengthen students' problem-solving and coding confidence by breaking down complex tasks into manageable steps. | |