

# DJ Neill

## Full-Stack Software Engineer

[djneill.com](http://djneill.com)

### CAREER SUMMARY

Experience Full-stack web developer with DJ's Consulting  
Languages JavaScript, TypeScript, Python, React, Node.js, Next.js, MongoDB, Tailwind CSS, Express, Astro, HTML, CSS  
Tools VS Code, GitHub, Git, PostMan, Photoshop, Vercel, Netlify  
Summary An experienced full-stack software engineer passionate about creating innovative web applications.

### PROFESSIONAL EXPERIENCE

DJ's Consulting (Freelancing) Texas  
*Full-Stack Web Developer* 08/2022 - Current  
Technologies: JavaScript, TypeScript, React, Next.js, Node.js, Astro, Tailwind CSS, MongoDB

- Increased customer engagement by 10% by developing dynamic web applications and static websites focusing on user interaction and engagement features.
- Generated a 15% surge in website traffic by advising clients on SEO and social media strategies, implementing targeted campaigns, and optimizing website content.
- Led to an average sales growth of 20% for clients through designing and implementing custom e-commerce platforms, focusing on user experience and conversion optimization.
- Demonstrated strong project management skills by effectively managing project timelines, milestones, and deliverables, ensuring on-time and on-budget project completion.

### Volunteer

Code For American - Austin Brigade  
Technologies: TypeScript, Next.js, React, Vercel

- Collaborated with a diverse team of developers and designers in an open-source environment to enhance and maintain the open-austin.org website.
- Contributed to the project using technologies such as TypeScript, Next.js, and React, showcasing proficiency in modern web development tools.
- Actively participated in regular team meetings to discuss project progress, share insights, and address challenges, demonstrating effective communication and teamwork skills.
- Spearheaded the refinement of a key user interaction element, ensuring a more intuitive and user-friendly browsing experience for visitors to the open-austin.org website.
- <https://www.open-austin.org/>

### PROJECTS

Efficio Productivity App (Solo Project - In Development)  
Technologies: Typescript, Next.js, React, Tailwind CSS, Clerk, Node.js, Express.js, SQLite

- Developed a full-stack productivity web application called "Efficio" using Next.js and React for a dynamic and responsive user interface.
- Implemented user authentication and profile management using Clerk, enhancing the application's security and user experience.
- Designed and integrated an SQLite database to store user data and tasks, ensuring efficient and lightweight data management.
- Built key functionalities including a Kanban board, Pomodoro timer, and music player, allowing users to manage tasks, track time, and enjoy music within the app.
- Established a robust backend with Node.js and Express.js, creating a secure and efficient RESTful API for data retrieval and manipulation.
- Utilized Tailwind CSS for styling, ensuring a responsive and visually appealing user interface across different devices.

Gemini Coding Buddy (Solo Project)

Technologies: TypeScript, Node.js, Express.js, React, Tailwind CSS, Shadcn/ui, Google's Gemini API.

- Designed to provide tips and hints without giving away solutions, fostering effective learning and problem-solving skills.
- Engineered a fine-tuned response system that provides contextual advice and guidance.
- Integrated Google's Gemini model to enhance the assistant's ability to understand and respond to user queries.
- Implemented a user-friendly interface with React and Tailwind CSS, ensuring a seamless experience for users seeking coding assistance.
- <https://gemini-coding-buddy.onrender.com/>

#### Let's Cook MVP (Solo Project)

Technologies: JavaScript, Node.js, EJS, MVC Paradigm, MongoDB, Tailwind CSS, Passport.js, Express, Mongoose

- Developed a full-stack web application called "Let's Cook MVP" using JavaScript, Node.js, and the EJS templating engine, following the MVC paradigm for a structured and scalable codebase.
- Implemented user authentication and authorization features using Passport.js, enhancing the application's security.
- Designed and integrated a MongoDB database to store user data, recipes, and user collections, ensuring efficient data management.
- Implemented key functionalities allowing users to post, search, and save favorite recipes, enhancing user engagement and interaction.
- Established a robust backend with Express.js and Mongoose, ensuring smooth data retrieval and manipulation.
- <https://lets-cook-mvp.onrender.com/>

#### Pomodoro Task Timer (Group Project)

Technologies: JavaScript, Node.js, EJS, MVC Paradigm, MongoDB, Tailwind CSS, Passport.js, Express, Mongoose

- Led a cross-functional team in the development of "Git-er-Done Pomodoro List," a collaborative project management application.
- Demonstrated effective leadership by fostering collaboration among team members and facilitating regular meetings to discuss progress, challenges, and solutions.
- Established and maintained a Git workflow, ensuring efficient version control and collaborative development among team members.
- Conducted code reviews and provided constructive feedback to team members, fostering a culture of continuous improvement and code quality.
- Implemented the Pomodoro Technique timer feature, enhancing user productivity and time management within the application.
- Contributed to the application's front-end development using SortableJS, creating an intuitive and user-friendly interface for seamless task management.
- Applied agile methodologies like SCRUM to deliver the project within a one-week sprint.
- <https://giterdonepomodoro.onrender.com/>