

Shannon Menard

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Summary

Highly motivated and detail-oriented Python Developer with hands-on experience building web applications using Python, Django, JavaScript, and React. Eager to apply a strong foundation in back-end development, API integration, and database management to contribute to a collaborative development team. Proven ability to rapidly learn and apply new technologies to build production-ready applications, eager to leverage problem-solving skills and a passion for backend development to contribute to innovative software solutions.

Technical Skills

- **Languages:** Python (Django, Django REST Framework, Pytest), JavaScript (React.js, Next.js), HTML5, CSS3
 - **Databases:** PostgreSQL, SQLite, MySQL, Supabase, Relational Databases
 - **APIs:** RESTful APIs, Django REST Framework, Throttling/Rate-Limiting. API Design
 - **Tools & Platforms:** Git, GitHub, Vercel, CI/CD, Figma
 - **Concepts:** Responsive Design, Unit Testing, Agile Methodology, Software Testing, Debugging, User Authentication
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Projects

Little Lemon API – *Python, Django REST Framework, MySQL, User Authentication*

- Developed a comprehensive RESTful API for a restaurant (Little Lemon) using Python and Django REST Framework, handling menu items, bookings, and user management.
- Implemented robust API endpoints with full CRUD (Create, Read, Update, Delete) functionality for various resources, ensuring efficient data interaction.
- Integrated user authentication and authorization mechanisms to secure API access and manage user roles effectively.
- Connected the Django backend to a MySQL database, demonstrating proficiency in relational database management and ORM.
- Utilized Git for version control and maintained clear project structure, preparing the application for scalable deployment.
- [GitHub Repo](#)

- **Tone Checker App** – Django, Python, TextBlob (NLP)
 - Developed a Django web application for sentiment analysis, determining the tone (positive, neutral, negative) of user-submitted text using the TextBlob library.
 - Designed and implemented the frontend using Django templates and Bootstrap, focusing on intuitive user interaction and clear display of results.
 - Managed user input, validation, and backend logic through Django views, models, and forms.
 - Ensured comprehensive documentation (README) for project setup and local deployment.
 - [Github Repo](#)
- **Full Stack To-Do App** – Next.js, Supabase, User Authentication
 - Built a full-stack task management application leveraging Next.js for the frontend and Supabase for real-time database capabilities and user authentication.
 - Implemented secure user authentication flows, including signup and login, and protected API routes for data integrity.
 - Established a continuous integration/continuous deployment (CI/CD) pipeline for seamless deployment on Vercel.
 - [GitHub Repo](#) | [Live Demo](#)

Experience

Programmer/Office Admin – Clear Choices Counseling June 2024 – Present | Detroit, MI Area

- Developed and maintained internal websites to support organizational operations and client services.
- Managed and optimized internal applications, ensuring smooth functionality and user efficiency/support
- Applied problem-solving skills to address technical issues and streamline administrative workflows.

Front-End Developer – IO Design + Development | Royal Oak, MI *September 2022 – May 2024*

- Customized and extended WordPress themes using HTML, CSS, JavaScript, and PHP to meet specific client branding and business needs.
- Optimized website performance and improved accessibility scores by up to 40% through code refactoring, image compression, and implementation of semantic HTML.
- Collaborated effectively with cross-functional teams, gaining exposure to backend logic and plugin architecture.

Freelance Web Developer | Remote *September 2017 – September 2020*

- Designed and developed custom, responsive WordPress websites for 15+ small business clients, managing projects from initial wireframing through to successful launch.
- Integrated diverse third-party solutions, including e-commerce platforms, online booking systems, and analytics tools, to support varied client business objectives.
- Employed SEO best practices and tools (e.g., Google Search Console, Yoast) to enhance client website visibility and search engine rankings.
- Provided ongoing website maintenance and client training, fostering strong, long-term client relationships and repeat business.

Medical Coding Assistant and Office Admin – Various Healthcare Providers Oct 2012 – March 2017 | St. Joseph Mercy Hospital and others in Detroit, MI Area

- **Managed** administrative tasks, including scheduling, record keeping, and patient communication across multiple healthcare environments.
 - **Processed** and **submitted** medical claims, ensuring accuracy and compliance with coding guidelines (ICD-9/10, CPT, HCPCS).
 - **Maintained** detailed patient records and financial data, demonstrating strong organizational skills and attention to detail.
 - **Utilized** various software systems for billing, coding, and office management, adapting quickly to new tools and workflows.
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Education

Bachelor of Science in Computer Science – Franklin University, 2020

Associate of Science in Computer Science – Schoolcraft College, 2015

Diploma in Medical Billing and Coding – Everest Institute, 2012

Certifications

- **Meta Back-End Developer Specialization (Python)** – Coursera, 2025, [View Certification](#)
- **Meta Front-End Developer Specialization (ReactJS)** – Coursera, 2024, [View Certification](#)