

BILLY FLOWERS

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SKILLS

Front-End Development	React, Next.js, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, TypeScript
Back-End Development	Node.js, Express, RESTful APIs, MongoDB, MySQL
Tooling & Workflow	Git, GitHub, VS Code, Figma, Vercel, Agile Methodologies
Core Competencies	Responsive Design, Accessibility, Performance Tuning, Modular Code Design

EXPERIENCE

Full Stack Software Developer Mar 2024 - Aug 2024
Bay Valley Tech Modesto, CA

- Collaborated with a team of 10 developers to design and build a full-stack social media platform, leveraging React for scalable, reusable components and ensuring a seamless user experience on desktop and mobile.
- Integrated RESTful APIs and optimized the platform's performance by implementing efficient state management and lazy loading for assets.
- Collaborated in Agile sprints, contributing to code reviews, debugging, and feature prioritization.

PROJECTS

Personal Portfolio Website 2024

- Designed and built a fully responsive developer portfolio using Next.js and TailwindCSS, showcasing projects with dynamic navigation and optimized rendering.
- Integrated Figma for UI/UX design and deployed the website using Vercel for lightning-fast performance.
- Technologies: TypeScript, Next.js, SendGrid Email API, Tailwind CSS, Vercel, Figma

HVAC Cleaning Marketing Website 2024

- Developed a marketing website for a local HVAC business, incorporating SEO best practices and accessibility guidelines to drive customer engagement.
- Optimized performance, achieving a 95+ Lighthouse score for accessibility, SEO, and load time.
- Technologies: Next.js, SendGrid Email API, TailwindCSS, Figma

Weather App 2024

- Built a weather application integrating the OpenWeatherAPI, featuring location-based search and real-time weather updates.
- Implemented error handling for invalid inputs and network issues, ensuring robust user interaction.
- Technologies: OpenWeatherAPI, JavaScript, HTML, CSS

Adventure Game 2024

- Designed a text-based interactive game with branching storylines using JavaScript, showcasing dynamic decision-making and modular game logic.
- Enhanced player immersion through responsive feedback loops and intuitive UI design.
- Technologies: JavaScript, HTML, CSS

EDUCATION

Bay Valley Tech 2023 - 2024
Computer Programming Modesto, CA

- Coursework: Full stack software development, covering technologies like Express.js, Node.js, React, MySQL, JavaScript, Git, and Agile Scrum methodology.
- Certifications: HTML, Responsive CSS, Content Management Systems, JavaScript, and Asynchronous JavaScript.
- Additional courses: freeCodeCamp (Responsive Web Design), Khan Academy (JavaScript), and Udemy (React).