

# BILLY FLOWERS

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## SKILLS

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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

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<b>Full Stack Software Developer</b>	Mar 2024 - Aug 2024
Bay Valley Tech	Modesto, CA
<ul style="list-style-type: none"><li>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.</li><li>Integrated RESTful APIs and optimized the platform's performance by implementing efficient state management and lazy loading for assets.</li><li>Collaborated in Agile sprints, contributing to code reviews, debugging, and feature prioritization.</li></ul>	

## PROJECTS

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<b>Personal Portfolio Website</b>	2024
<ul style="list-style-type: none"><li>Designed and built a fully responsive developer portfolio using Next.js and TailwindCSS, showcasing projects with dynamic navigation and optimized rendering.</li><li>Integrated Figma for UI/UX design and deployed the website using Vercel for lightning-fast performance.</li><li>Technologies: Next.js, TailwindCSS, TypeScript, SendGrid Email API, Vercel, Figma</li></ul>	
<b>HVAC Cleaning Marketing Website</b>	2024
<ul style="list-style-type: none"><li>Developed a marketing website for a local HVAC business, incorporating SEO best practices and accessibility guidelines to drive customer engagement.</li><li>Optimized performance, achieving a 95+ Lighthouse score for accessibility, SEO, and load time.</li><li>Technologies: Next.js, SendGrid Email API, TailwindCSS, Figma</li></ul>	
<b>Weather App</b>	2024
<ul style="list-style-type: none"><li>Built a React-based weather application integrating the OpenWeatherAPI, featuring location-based search and real-time weather updates.</li><li>Implemented error handling for invalid inputs and network issues, ensuring robust user interaction.</li><li>Technologies: JavaScript, OpenWeatherAPI, HTML, CSS</li></ul>	
<b>Adventure Game</b>	2024
<ul style="list-style-type: none"><li>Designed a text-based interactive game with branching storylines using JavaScript, showcasing dynamic decision-making and modular game logic.</li><li>Enhanced player immersion through responsive feedback loops and intuitive UI design.</li><li>Technologies: JavaScript, HTML, CSS</li></ul>	

## EDUCATION

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<b>Bay Valley Tech</b>	2023 - 2024
Computer Programming	Modesto, CA
<ul style="list-style-type: none"><li>Coursework: Full-Stack Web Development, covering technologies like React, Node.js, Express, MySQL, JavaScript, Git, and Agile Scrum methodology.</li><li>Certifications: HTML, Responsive CSS, Content Management Systems, JavaScript, and Asynchronous JavaScript.</li><li>Additional courses: freeCodeCamp (Responsive Web Design), Khan Academy (JavaScript), and Udemy (React).</li></ul>	