

Billy Flowers

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Career Objective

Front-End Software Engineer with 5 years of experience building scalable and accessible web solutions. Proficient in turning complex ideas into intuitive interfaces that enhance user experience and business growth. Eager to apply my full-stack expertise and problem-solving mindset within a collaborative team creating impactful products.

Experience

Software Engineer, Netflows – Modesto, CA May 2025 – Present

- Developed and maintained full-stack client applications using Next.js, TypeScript, Tailwind CSS, Express, Node.js, and MongoDB, translating business requirements into scalable, production-grade solutions.
- Delivered 15+ digital products including dashboards, booking systems, and automation tools, streamlining client workflows and increasing efficiency by up to 70% through iterative A/B testing and user feedback.
- Engineered a real-time CRM and scheduling platform that unified dispatching, customer tracking, and notifications, cutting third-party software costs by \$15K annually and accelerating job scheduling by 60%.

Full Stack Software Engineer Contract, Duct Daddy – Remote Nov 2024 – Jul 2025

- Designed and developed a full-stack content management system using Next.js, TypeScript, Express, and MongoDB, managing UI components, CRUD operations, and backend workflows.
- Delivered SEO-optimized, accessible dashboards that increased organic traffic by 40% and cut publishing time for non-technical staff.
- Implemented CI/CD pipelines with GitHub Actions, Heroku, and Vercel, automating testing and deployments for 99.9% uptime and faster release cycles.

Software Engineer Intern, Bay Valley Tech – Modesto, CA Mar 2024 – Sep 2024

- Developed responsive UI components and dynamic features for a social platform using React, improving cross-device usability and engagement.
- Implemented state management and routing to enable seamless navigation between feeds, profiles, and posts, reducing render times by 30%.
- Collaborated in Agile sprints and peer code reviews, using ESLint, GitHub Actions, and CI/CD pipelines to maintain clean, tested, and accessible codebases.

Projects

Lead Generation Tool github.com/flowz0/lead-gen

- Built a full-stack lead generation platform integrating Google Maps API to automate business discovery and identify leads with active websites.
- Designed a responsive UI with filtering and real-time updates using Context API and React Hooks, improving lead efficiency by 70%.
- Connected the frontend to a Node.js/Express backend for data validation and retrieval, reducing query latency by 45% and improving responsiveness.

Education

Bay Valley Tech Code Academy, Computer Programming Bootcamp 2022 – 2024

- **Coursework:** Full Stack Web Development, Data Structures and Algorithms, OOP, SDLC, Agile Methodologies

Skills

JavaScript (ES6+), TypeScript, React, Next.js, Redux, Node.js, Express, MongoDB, MySQL, Tailwind CSS, HTML5, CSS3, Git, RESTful APIs, Responsive Design, Accessibility (WCAG 2.1), Performance Optimization, Agile, CI/CD