

BILLY FLOWERS

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SKILLS

Programming	JavaScript ES6+, Node.js, TypeScript, Python, CSS3, HTML5, SQL, RESTful API
Library & Frameworks	Next.js, React, Express, Tailwind CSS, Framer Motion, Redux, Vue, Angular
Tools & Platforms	Git, GitHub, CI/CD pipelines, Vercel, Heroku, Docker, AWS, Jest, NPM

EXPERIENCE

Full Stack Software Engineer	Apr 2025 - Present
Netflows Web Development	Modesto, CA

- Founded and manage a web development agency delivering modern, scalable websites and full-stack web applications, handling the entire software development lifecycle from design to deployment.
- Built 10+ custom solutions including dashboards, CRMs, booking systems, automated emails, and payment integrations, boosting client efficiency and online engagement by up to 50%.
- Led client communication, project strategy, and iterative improvements, ensuring 97 Web Core Vitals performance and accessibility scores while aligning each project with business goals and user experience best practices.

Full Stack Software Engineer Contract	Nov 2024 - Aug 2025
Duct Daddy Duct Cleaning	Remote

- Engineered a full-stack content management platform using Next.js, TypeScript, Express, Node.js, and MongoDB, empowering non-technical staff to publish SEO-driven content and boost lead generation.
- Increased workflow efficiency by 40% through a custom admin dashboard featuring JWT authentication, bcrypt-secured logins, and cookie-based sessions for secure content management.
- Deployed a maintainable, production-ready environment with CI/CD pipelines, Heroku, and Vercel, ensuring reliability and consistent up-time for the client.

Front End Software Engineer Internship	Mar 2024 - Sep 2024
Bay Valley Tech	Modesto, CA

- Developed core front-end features for a social media platform, including a responsive navbar, dark/light theme toggle, and live user search, using React and React Router.
- Implemented routing and dynamic routing for seamless navigation between profile, settings, and feed pages, enhancing overall user experience and UI consistency.
- Collaborated in an Agile Scrum environment with front-end and back-end teams, participating in daily standups, code reviews, and sprint planning to meet development milestones on time.

PROJECTS

Real-time Chat Application	April 2025
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- Built a real-time chat application enabling instant private messaging with Socket.IO, reducing latency and improving responsiveness across sessions.
- Implemented JWT authentication, bcryptjs encryption, and cookie-based sessions for secure account creation and persistent login states.
- Designed a scalable back-end to handle concurrent connections using Node.js and MongoDB, ensuring consistent message delivery and storage integrity.

EDUCATION

Bay Valley Tech	2022 - 2024
Full Stack Software Engineering School	Modesto, CA

- Completed a Full Stack Web Development Bootcamp covering React, Node.js, Express, JavaScript, MySQL, Git, SDLC, and Agile/Scrum; earned certifications in HTML, Responsive CSS, CMS, and Asynchronous JavaScript.