# Shiv Panchal

805-215-3656 | shivpanchal2601@gmail.com | linkedin.com/in/spanch26 | github.com/devMelloww

## EDUCATION

**California Polytechnic State University** — San Luis Obispo, CA
*Bachelor of Science in Software Engineering* — *Sept. 2022 – Dec 2024*

## EXPERIENCE

**Software Engineer Internship** — Nov 2025 – Present
*San Luis Obispo County* — *San Luis Obispo, CA*
- Developed a Blazor web app using C# to execute and monitor automated test suites for the Planning & Building Department.
- Integrated a custom logging system to track test execution, errors, and results improving debugging and test visibility.
- Collaborated on test automation workflows to ensure reliability, scalability, and maintainability of web-based interface.

**Product Strategist | AI Researcher | QA Tester** — July 2025 - Sept 2025
*FastExpert Inc.* — *Remote*
- Design and execute cross-browser testing with BrowserStack, identifying and resolving UI/UX and functionality issues before release.
- Develop and maintain detailed bug reports, collaborating with engineers to implement fixed and reduce production defects.
- Research and prototype AI tools (e.g., Lindy AI, Lovable AI) to support new feature development and production innovation.
- Partner with engineers and designers to prioritize features, align usability with technical feasibility, and drive roadmap decisions.

**Full Stack Developer (Volunteer)** — Dec 2024 – July 2025
*Cat Guardians TNR & Rescue* — *Remote*
- Engineered a dynamic web application using ReactJS with Vite and TypeScript, enhancing performance and scalability.
- Architected serverless backend operations by integrating AWS Lambda, SES, and API Gateway for streamlined email services.
- Established robust communication between frontend and backend services through RESTful APIs.
- Enhanced application performance and usability through effective state management and meticulous code refactoring.
- Implemented a CI/CD pipeline, enabling automated deployments to Cloudflare for efficient and reliable delivery.
- Conducted QA testing to ensure functionality, responsiveness, and cross-browser compatibility across workflows.

**Research and Development Internship** — Jul 2023 – Aug 2023
*Zoetic Motions* — *Remote*
- Designed a usability and patient engagement strategy, enabling the development of a minimum viable product.
- Conducted extensive research and contributed to an IP-protected strategy through an intensive R&D process.
- Led customer discovery efforts by interviewing potential users, gathering insights for product refinement.
- Created an interactive UI/UX prototype to streamline product design and optimize production workflows.
- Performed cross-browser compatibility and QA testing using Browser Stack to ensure consistent user experience across devices.

## PROJECTS

**SkincareSamples Ecommerce Website** | *Next.js, TypeScript, Stripe, Material UI* — Nov 2025 – Present
- Collaborated on the development of a full-stack eCommerce web application using Next.js and TypeScript.
- Implemented a responsive, accessible UI with Material UI to deliver a modern shopping experience.
- Worked in a team environment to design, build, and test core eCommerce features.

**Checkmate** | *Angular, TypeScript, JavaScript, Tailwind CSS, NX, JIRA, Git* — Sept 2023 – Jun 2024
- Built and maintained a scalable Angular application using NX to enhance veterinary worker task management.
- Created a responsive, mobile-friendly interface with Tailwind CSS and Daisy UI, delivering a modern UX.
- Executed Agile methodologies by managing 12 bi-weekly sprints, leading scrum standups, and coordinating client meetings.
- Identified and logged bugs on Jira to keep track of issues and streamline debugging across the team.
- Conducted QA testing for responsiveness and accessibility compliance across screen sizes using browser emulators and mobile devices.

## TECHNICAL SKILLS

**Languages**: Java, Python, JavaScript, TypeScript, HTML/CSS, SQL
**Frameworks**: React, Next.js, Angular, Node.js, JUnit, Material-UI, Daisy-UI, Tailwind CSS, Vite, GraphQL
**Developer Tools**: AWS, Lambda, API Gateway, WAF, Git, Docker, Terraform, Postman, JIRA, VS Code, Figma
**Concepts**: REST API, UI/UX Design, QA Testing, Serverless Architecture, Agile Methodologies, CI/CD Pipeline