

# Ben Nguyen

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**OBJECTIVE:** Looking for a Full Stack Software Engineer opportunity where I can use web-development skills in React, Node.js, and API design while learning how engineers work together to build real products in a professional environment.

## EDUCATION

**Bachelor of Science, Computer Science** | San José State University, San Jose, CA; GPA 3.83 Dec 2026

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Design, Server-Side Web Programming, Software Engineering, Mobile App Development

## TECHNICAL SKILLS

Programming: JavaScript, Python, C++, HTML, CSS, SQL

Frameworks: React, Node.js, Express, MongoDB, PHP (basic)

Tools: Git, GitHub, VS Code, Postman, Figma, AWS (basic)

Languages: English, Vietnamese (fluent)

## PROJECT EXPERIENCE

**BenNotes – MERN Stack Web App** | *MongoDB, Express, React, Node.js* Oct 2025 - Current

- Built a full-stack note-taking app using React and Express to support create/edit/delete features
- Implemented rate limiting, CORS rules, and cleaner API logic for stable communication
- Designed a responsive UI with React hooks to improve usability across devices
- Deployed backend (Koyeb) and frontend (Render) to learn real hosting steps and debugging flow

**Procedural Jersey Generator – Python DSL Project** | *Python* Sep 2025 - Current

- Designed a small DSL tool that generates soccer-jersey designs automatically as SVG graphics
- Implemented lexer, parser, and pattern logic to translate simple text into visual layouts
- Improved design control by adding coordinates, sizes, and multiple pattern styles
- Integrated AI prompts to generate DSL code automatically for faster prototyping

**Bouncy Quest – 2D Platformer Game** | *Unity & C#* April 2025 – Current

- Collaborated with a teammate to build core gameplay systems using GitHub for shared tasks
- Coordinated version control and pull requests to keep development smooth
- Improved gameplay feel with animations, sound effects, and physics tuning
- Supported testing sessions to debug and improve communication during development

## RELATED EXPERIENCE

- Completed several online React and Node courses to strengthen full-stack development skills
- Built small coding exercises and personal mini-projects to practice APIs and responsive UI
- Continued exploring new front-end and back-end frameworks to prepare for future internships