

Johanna Schnell

Full Stack Software Engineer | San Diego, CA | johannaschnell@gmail.com | [GitHub](#) | [LinkedIn](#)

SUMMARY

Versatile software engineer with 2+ years of hands-on experience in software development, systems integration, and lifecycle planning. Strong foundation in **C++, Java, and Python** with proficiency in **object-oriented programming (OOP), algorithms, and data structures**. Experienced in full software development lifecycle (SDLC), including user requirement analysis, design, coding, testing, debugging, and maintenance. Adept at **hardware-software integration, test planning**, and cross-functional communication. Background in program management and mission-driven tech. **Livescan clearance on file**; eligible for positions requiring confidentiality and security compliance. Loves hiking, yoga, and sushi.

SKILLS

Languages: Python, JavaScript, TypeScript

Frameworks/Libraries: React, Node.js, Express.js, Tailwind CSS, Leaflet.js, Keystone, shadcn/ui

Systems & Tools: Git, Agile, REST APIs, Postman, Jira, Linux, VS Code

Databases: PostgreSQL, MongoDB

Software Concepts: Object-Oriented Programming, Debugging, Software Maintenance, Code Reviews

Clearance & Compliance: Valid Livescan Background Check (CA) | Familiar with handling sensitive data

Other: Bilingual (English/Portuguese), strong written and verbal communication

TECH PROJECTS

Around the US | [GitHub](#) | [Website](#)

Developed a responsive, interactive web application enabling users to explore, share, and manage locations across the United States.

- Implemented user authentication, dynamic data rendering, and real-time updates using React.js and RESTful APIs.
- Engineered reusable UI components, integrated cloud-based image storage, and ensured cross-device compatibility.
- Optimized performance and maintained code quality with modular architecture, automated testing, and version control via Git/GitHub.

News Explorer | [GitHub](#) | [Website](#)

Developed a responsive news aggregation web application allowing users to search, save, and manage news articles based on keywords.

- Implemented user authentication with JWT, enabling secure registration, login, and personalized article management.
- Integrated RESTful APIs to fetch and display real-time news data, handling asynchronous requests and error states gracefully.
- Utilized React.js functional components, hooks, and context for state management, ensuring modular, maintainable code structure.
- Designed intuitive UI/UX with adaptive layouts for desktop and mobile using CSS Flexbox/Grid and BEM methodology.
- Employed Webpack for project bundling and optimized asset delivery, improving load times and performance.

What to Wear | [Front-end](#) | [Back-end](#)

Built a responsive single-page application with React.js, enabling users to browse, add, and manage weather-based clothing items with secure authentication (JWT) and adaptive UI/UX design.

- Designed and implemented a RESTful API backend with Node.js, Express, and MongoDB, supporting dynamic clothing recommendations, robust data validation, and secure user management.
- Integrated frontend and backend via REST APIs, ensuring seamless data flow, real-time weather integration, and reliable error handling for an optimal user experience.

EXPERIENCE

Child of Nature | Director | 03/20 - 3/25 | San Diego, CA

- Oversaw technical and operational growth of education program; scaled 150% in 2 years.
- Introduced and maintained internal CRM, process automation, and team onboarding tools.
- Translated stakeholder needs into digital tools; led in-house software training.

Child of Nature | Assistant Director | 06/14 - 03/20 | San Diego, CA | [Website](#)

- Managed \$2M international initiative with distributed teams across 15+ countries.
- Spearheaded technical coordination using cloud-based project management software.
- Created reports and visualizations to evaluate program impact and stakeholder engagement.

EDUCATION

TripleTen | Full Stack Software Engineer Certificate | 03/24 - 03/25

Focus: Responsive web apps, backend architecture, deployment pipelines, and SDLC

Coe College | B.A. Political Science

GPA: 3.9 | Cum Laude | Phi Beta Kappa | Phi Kappa Phi

CERTIFICATION

- AWS Certified Cloud Practitioner (in progress)
- Livescan Background Check Clearance (valid in CA)