

Johanna Schnell

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SUMMARY

Software engineer with a foundation in project management, now focused on full-stack development using MERN tech stack and solving real-world problems. I bring sharp analytical thinking, strong communication, and a bias for action—shaped by years of delivering results under pressure. What sets me apart is my ability to blend empathy with innovation, building user-first software that drives impact for individuals and communities alike.

SKILLS

Portuguese (Bilingual) | Node.js | Javascript | React.js | Express.js | MongoDB | Postman | Git | Agile

EXPERIENCE

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

- Scaled operations by 150% in two years while maintaining a 90% client retention rate through data-driven decision-making and tech-enabled service delivery.
- Led implementation of a custom CRM and automation tools, reducing administrative overhead by 30% and improving operational efficiency.
- Designed and launched new digital educational and wellness programs, contributing to a 30% annual revenue increase.
- Conducted internal systems training that boosted team tech adoption and software proficiency by 40%.

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

- Managed a \$2M project budget for an international multimedia campaign, delivering on-time and under budget.
- Collaborated with a distributed team across 15+ countries, optimizing workflows with project management software (e.g., Trello, Asana, Google Workspace).
- Developed digital storytelling strategies to increase engagement and reach for children's rights initiatives.
- Used data visualization and impact analytics to evaluate program outcomes and present results to stakeholders

TECH PROJECTS

[Data Insight Mobile](#) | [Demo Video](#) | **05/25** | Team Project

Developed an AI-powered compute recommendation platform with real-time cost visualization, secure user access, and dynamic pricing optimization.

- **Built an AI compute recommendation tool** using React and TypeScript, displaying dynamic pricing tailored to user needs and time constraints.
- **Developed an interactive, data-driven UI** that visualizes compute costs, GPU allocation, and time estimates in real-time through intuitive controls.

- **Implemented a secure membership portal** with SSO (Google, X, Apple, Meta), payment processing, and rebate tracking using Express, shadcn/ui, and Tailwind CSS.

[SeaSavr](#) | [Demo Video](#) | **05/25**

Full stack web application for tracking ocean pollution

- **Developed Seasavr:** A full-stack web application for real-time ocean pollution mapping and reporting, utilizing React, Node.js, and PostgreSQL to empower citizens to contribute to environmental sustainability.
- **Designed and Implemented Geospatial Features:** Integrated Leaflet for mapping and geospatial analysis, enabling users to report pollution incidents and visualize data on an interactive map, while ensuring efficient data storage and querying in Postgre SQL.
- **Build RESTful APIs:** Created APIs for seamless communication between frontend and backend, handling user reports, data analytics, and insights on pollution hotspots, while prioritizing scalability, security, and performance.

EDUCATION

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

Responsive web apps, backend services, deployed full-stack applications

Coe College | B.A. Political Science

GPA: 3.9 | Cum Laude | Public Policy, Research and Data Analysis, Civic Engagement