




 **Christa Lococo**
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Professional Summary

Backend Engineer | Fullstack Developer

Backend-focused software engineer skilled in building and scaling secure, performant web applications using Node.js, Express, MongoDB, and SQL. Proven ability to develop RESTful APIs, implement authentication systems (JWT), and deploy scalable applications across cloud platforms. Combines a background in education and business development to bring user-first problem-solving, adaptability, and clear communication to cross-functional teams. Actively seeking a growth-driven engineering role where I can contribute to backend infrastructure and scalable systems that solve real-world problems.

Technical Skills

Languages & Frameworks: JavaScript (ES6+), Node.js, Express.js, React.js, Python, SQL, HTML5, CSS3

Databases: MongoDB, MySQL, PostgreSQL

Dev Tools & Platforms: Git, GitHub, Postman, JWT Auth, Vercel, Heroku, Netlify, VSCode

UI & Libraries: Tailwind CSS, Bootstrap, EJS, Handlebars

Concepts: REST APIs, CRUD Operations, MVC Architecture, Responsive Design, CI/CD Basics

Soft Skills: Agile Methodology, Collaboration, Communication, Problem Solving, Growth Mindset

Education

Purdue Global University – *Expected 2025*

Bachelor of Science, Cloud Computing

UCLA Extension – *Completed 2023*

Certificate, Fullstack Web Development

Santa Monica College – *Completed 2010*
Associate of Arts, International Business

Professional Experience

Montecito Candle Company — *Founder & Fullstack Developer*
Santa Barbara, CA | 2019 – Present

- Developed a custom e-commerce platform using Node.js, Express, and MongoDB, increasing online revenue by 40%.
- Designed RESTful APIs to handle product management, checkout, and user operations, ensuring fast and scalable interactions.
- Integrated third-party services (Stripe, ShipStation) to automate payments and shipping workflows, reducing order processing time by 50%.
- Led branding, SEO strategy, and UI/UX improvements using analytics tools, boosting customer engagement and retention.
- Streamlined backend operations with automation for inventory, email marketing, and CRM data syncing.

Whitefish School District — *Substitute Teacher (K–12)*
Whitefish, MT | 2024 – Present

- Integrated digital tools and backend content platforms to modernize K–12 instruction across classrooms.
- Boosted student engagement by 30% through adaptive technologies and interactive platforms.
- Applied agile methodology in lesson design to mirror sprint planning and iterative deployment strategies.
- Developed custom digital learning environments that optimized accessibility and responsiveness.

Various Locations — *Early Childhood Educator & Learning Systems Designer*
CA & MT | 2011 – 2022

- Engineered custom learning frameworks focused on adaptability and engagement.
- Designed interactive, experiential content reflecting modern UX principles to enhance creativity in students.
- Brought a systems-thinking approach to child development, increasing learning retention and behavioral outcomes.

Coldwell Banker — *Licensed Realtor*
Montecito, CA | 2018 – 2021

- Led digital listing and CRM workflows; implemented automations that grew client engagement by 35%.
- Managed real estate data pipelines and internal dashboards, improving transparency in transaction processing.
- Collaborated with stakeholders to build seamless client experiences and optimize backend marketing systems.

 **Certifications & Licenses**

- **Application development & scripting in the cloud** - Ucertify
- **Fullstack Software Engineering Certificate** – UCLA Extension
- **Montana K–12 Substitute Teaching Credential**
- **California Early Childhood Education (ECE) Certificate**
- **Licensed Realtor** – California & Montana

 **Project Portfolio** (*Available on GitHub*)

- **Alucres:** AI-powered stock market analysis platform with backend prediction models using TensorFlow, Flask, and Qiskit

- **Centsei** (*In Progress*): Social-impact fullstack app for empowering women with work-from-home micro-opportunities
- **Creavolio**: Server-side rendered art listing platform using Next.js, MongoDB, and secure payment integrations