

## Alexander Bahler

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Dev Portfolio: [alexbahler.com](http://alexbahler.com) • LinkedIn: [linkedin.com/in/alexander-bahler/](https://linkedin.com/in/alexander-bahler/) • GitHub: [github.com/SoftWyreDev](https://github.com/SoftWyreDev)

Full-stack software developer and designer with hands-on experience in web development, responsive design, DevOps, Docker, AI-powered applications, game development, and deploying and maintaining applications on Linux servers and serverless architectures. I actively manage my band's website and the INLASE LLC website and enjoy tackling small projects in my free time to accelerate learning. I am motivated by the opportunity to take on challenging projects and make meaningful contributions.

## Relevant Skills

- Python, Flask, Node.js
- HTML, CSS, JavaScript
- UI/UX Design
- AWS, Linode, Netlify
- DevOps, Docker
- SQL (PostgreSQL)
- Unix/Linux, Windows
- Git, GitHub
- AI, LLM, NLP, ML

## Education

- Information Technology (B.S.)
  - Arizona State University (Grad: Dec 2025)
- Music (A.A.)
  - Cabrillo College

## Experience

July 2023 - Present:

Full Stack Developer - [lovecreek.band](http://lovecreek.band) website

- Built and deployed my band's website using Flask, HTML, CSS, JavaScript, reCAPTCHA and Docker
- Designed the layout, color palette and theme to reflect the band's style and heritage.
- Integrated a mailing list signup form and an event page for upcoming shows.
- Implemented a responsive design, ensuring optimal viewing across devices.
- Containerized the application with Docker and deployed on Linode.
- Utilized flask for backend development, handling routing, data management, and server-side logic.
- Collaborated remotely on deployment tasks and led the full development lifecycle.

May 2018 - Present:

Web Developer / Assembly Technician - INLASE LLC ([inlase.com](http://inlase.com))

Scotts Valley, CA

- Develop, update and maintain the business website using HTML, CSS, and JavaScript.
- Deploy, host, and perform website server migrations through Network Solutions.
- Design the layout and theme to have a modern and professional appearance for clients.
- Assemble and solder high-quality power supplies and conduct quality assurance.
- Manage invoice entry, payment tracking, and bookkeeping using QuickBooks.
- Package and ship orders with a focus on accuracy and time efficiency.
- Ensure timely email communications with customers and vendors.

## Projects

August 2025 - October 2025

TraderSim – Stock Trading Simulator ([tradersim.netlify.app](https://tradersim.netlify.app))

- Built and designed a full-stack stock trading simulator web app using HTML, CSS, JavaScript and serverless Node.js functions integrated with a PostgreSQL Neon database.
- Hosted on Netlify with continuous deployments.
- Supports user account creation and log in with ability to deposit/withdraw funds, buy/sell stocks, and view current portfolio and transaction history.
- Implemented JSON Web Tokens for user authentication/authorization and role-based access control.
- Includes administrator account functions such as adding new stocks, changing market hours, and manually closing the market.
- Allows functionality for users to queue and cancel their orders during market closure.
- Simulates a real-time market with fluctuating stock prices throughout the day.

May 2025 - June 2025

LexiconBot – Custom AI Discord Chatbot

- Designed and developed an AI-powered Discord bot in Python using discord.py, integrated with a locally hosted Mistral 7B LLM via LM Studio.
- Generates humorous, real-time natural language responses using a custom Lexicon my friends and I created, without relying on cloud APIs to ensure privacy and low latency.
- Implemented Discord slash command architecture for scalable, user-friendly interactions with autocomplete, supporting over 10 commands such as /summon, /mutate, and /fortune.
- Gained hands-on experience with LLMs, local inference workflows, generative AI applications, and real-world NLP integration in user-facing systems.

April 2024 - December 2024

2D Side Scrolling Game

- Developed a 2D side scroller game with HTML Canvas, JavaScript and CSS.
- Hosted on GitHub Pages with continuous deployments.
- Utilized CSS for styling and visual aspects of the game.
- Includes sprites, particles, and animations.
- Implemented features like time counter, score tracking, and collision detection.
- Uses JavaScript for game loops and event handling.

October 2023 - December 2023

CLI Stock Portfolio Application

- Developed a Java-based stock trading simulator with real-time cash balance tracking/transaction logic.
- Includes stock purchase and sale functionality with detailed quantity and cost validation.
- Implemented cash deposit and withdraw features with balance updates.
- Allows users to display their transaction history and a dynamic, real-time portfolio.
- Created a user-friendly CLI with comprehensive error handling and feedback.

## AWS Certificates

AWS Academy Cloud Foundations Badge - November 2024

AWS Data Engineering Badge – October 2025

