

## CONTACT

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# Lucas Froeschner

## Full Stack Developer

### TECHNICAL EXPERIENCE

Summer 2024 - Present

#### Self-Taught Developer

##### Personal Projects & Open Source

Rapid progression from programming fundamentals to complex full-stack applications in under 12 months

Built 30+ projects spanning web development, systems programming, TUI applications, and game development

Focus on clean, maintainable code with modern development practices including Git workflows, testing, and CI/CD

Experience with clean architecture, RESTful APIs, real-time applications, and database optimization

### EDUCATION & CERTIFICATIONS

Summer 2024 - Spring 2025

#### Boot.dev & Personal Projects

##### All Backend Dev Certificates Completed

Intensive programming fundamentals: algorithms, data structures, OOP, functional programming

Advanced backend concepts: HTTP servers/clients, databases, authentication, API design

Memory management, concurrency, performance optimization, and systems programming

Applied learning through extensive hands-on project development across multiple domains

Currently learning: AWS/Cloud Services, Kubernetes, Rust, and modern DevOps practices

### SKILLS

**Languages:** JavaScript, TypeScript, Go, Python, Java, C#, SQL, Shell/Bash

**Frontend:** React, Vue.js, HTML/CSS, Tailwind CSS, Next.js, Vite, React Native

**Backend:** Node.js, Express, Python (Django/Flask), Go (Gin), RESTful APIs

**Databases:** MongoDB, PostgreSQL, SQLite, Redis, Prisma, Drizzle ORM

**Tools:** Git, Docker, AWS, Stripe, Socket.IO, JWT, Cloudinary

**Game Dev:** Godot Engine, Unity, Unreal Engine, PyGame, GDScript

### FEATURED PROJECTS

#### Project Manager June 2025

React, TypeScript, Node.js, Express, MongoDB  
Comprehensive full-stack application for developers and teams to organize, track, and document projects.

#### E-Commerce Demo May 2025

React, Node.js, Express, MongoDB, Stripe, Redis  
Complete shopping cart and secure integrated Stripe payments, admin dashboard, coupon system, product management & analytics.

#### Event Chat June 2025

React, Node.js, Socket.IO, MongoDB, Cloudinary  
Location-based social platform with real-time messaging and event management capabilities  
WebSocket implementation for live chat, geolocation-based discovery, and RSVP system

#### TUI Dev Suite July 2025

Go, BubbleTea, Lipgloss  
10+ TUI applications with advanced features like fuzzy search, git integration, file and port management and productivity tools.