

# Julian Voros

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## SUMMARY

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Computer Science graduate specializing in backend architecture, database design, and full-stack web development. Ships production-grade applications with secure auth, relational schema design, and REST APIs using TypeScript, Next.js, PostgreSQL, and Prisma. Seeking a Backend or Full-Stack Engineer role on a fast-moving team.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, C++, Java, SQL, HTML, CSS

**Frameworks:** Next.js (App Router), React, Node.js, Tailwind CSS

**Backend & Data:** PostgreSQL, Prisma ORM, Supabase, REST APIs, Row-Level Security, JWT Auth

**Tools & Platforms:** Git, GitHub, Vercel, VS Code, Cursor, Jira, Perforce

**Concepts:** Authentication & Authorization, Database Schema Design, Server-Side Rendering, CI/CD, Agile

## PROJECTS

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### JobTrackr — Full-Stack Job Application Tracker [\[Live\]](#) [\[GitHub\]](#)

*Next.js 16 (App Router) · TypeScript · Prisma · PostgreSQL · Supabase Auth · Vercel*

- Built a production-grade SaaS app with secure email/password auth, protected routes, and full CRUD for tracking job applications across hiring stages
- Implemented row-level security in PostgreSQL via Supabase — complete data isolation between users enforced at the database layer
- Designed relational schema with Prisma ORM for type-safe queries, automated migrations, and generated TypeScript client
- Deployed to Vercel with Supabase-managed PostgreSQL, connection pooling, and environment-based config

### Nordic Waves — Full-Stack Web Application [\[Live\]](#) [\[GitHub\]](#)

*React · TypeScript · Responsive Design · Vercel*

- Built a responsive, accessible React + TypeScript site with reusable components and scalable architecture for a nonprofit client
- Ensured cross-device compatibility across all major browsers with production deployment

### Studio Ivl — Interior Architect Portfolio [\[Live\]](#) [\[GitHub\]](#)

*Next.js · Tailwind CSS · Vercel*

- Developed and maintained a client-facing portfolio app, resolving UI/UX and performance issues across devices
- Delivered polished end-user experience from concept through production deployment

### Ms. Pac-Man AI Agent [\[GitHub\]](#)

*Java · Pathfinding Algorithms · Decision Trees · Multithreading*

- Designed AI behavior systems using decision trees and A\* pathfinding; optimized runtime performance under strict real-time constraints
- Integrated multithreading to ensure responsive AI decision-making within live gameplay constraints

## EDUCATION

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### Full Sail University — B.S., Computer Science *Graduated February 2025*

*Coursework: Operating Systems, Computer Networks, Software Engineering, Data Structures, AI Systems, Database Systems, Game Architecture*

### University of Washington — Full Stack Web Development Certificate *Completed 2021*