Bhavesh Gavali

📍 Toronto, ON | 🔗Linkedin | 🌐 www.bhaveshg.dev | ✉ bhaveshgavali2022@gmail.com | 🔗 Github | 📱 +1 647-975-5217

EDUCATION

Algoma University, ON   - Bachelor of Science in Computer Science   Jan 2023 - Dec 2025

EXPERIENCE

Full Stack Developer Intern @ Tutormates   Toronto, ON | Feb 2024 - June 2024
- Migrated WordPress systems to modern MERN stack
- Built ESL app features using **Next.js, TypeScript, Supabase**

CAPSTONE PROJECTS

Shipyard | Vercel-like CI/CD Deployment   🔗 Github | 🌐Visit

- Developed a full-stack deployment platform using TypeScript , Node.js, Express, and **AWS** services like **ECS ,
  ECR** and **S3**, following a **microservices** architecture.
- Integrated with GitHub to enable on-demand container builds, automating deployments and showcasing skills in
  DevOps and cloud infrastructure.Wrote **unit** and integration **tests** using **Jest** to ensure code reliability.
- Built a CI/CD pipeline using Docker **Containerization** and AWS ECS, delivering real-time build logs and
  zero-downtime deployments for React and Vite apps.
- Implemented real-time deployment logging and build tracking using Redis pub/sub and WebSockets, enhancing
  user experience and visibility during deployment.

Gigzy.ca | Local Service Marketplace   🌐Visit

- Tech Stack: React, TypeScript, Vite, Tailwind CSS, shadcn/ui, Supabase, PostgreSQL, Clerk
- Developed a full-featured freelance marketplace with task posting, bidding, live chat, and real-time status
  tracking using Supabase Realtime and WebSockets.
- Integrated Clerk authentication with Supabase backend using RBAC and protected routes for secure user access
- Scaled and tested the platform with 20+ real users to validate UX, performance, and backend reliability
- Optimized performance with lazy loading, memoization, and optimistic UI updates
- Enforced Row-Level Security (RLS) and JWT-based auth to ensure secure, role-based data access
- Built reusable UI components with shadcn/ui and Tailwind CSS for responsive and modern design

AI Trade Agent | Crypto Arbitrage Bot   🔗 Github

- Developed an AI-powered trading agentic workflow using OpenAI GPT-4o and Node.js to identify and simulate
  crypto arbitrage opportunities across multiple exchanges like Binance and Coinbase.
- Built a modular, event-driven architecture with helper functions (buyToken, getTokenPrice, etc.), demonstrating
  strong backend engineering and real-time API integration skills.
- Integrated risk management logic with dynamic wallet tracking and trade limits.

Personal Portfolio Site - React, **TypeScript**, TailwindCSS, Supabase - PostgreSQL, Auth,   🌐Visit

SKILLS

Languages: **JavaScript, TypeScript, SQL, Node.js**
Infrastructure: Docker, AWS (ECS/S3/Fargate), Redis
Frontend: React, TailwindCSS, shadcn/ui
Tools: Git, CI/CD, REST APIs, Agile, Microservices
Learning: Kubernetes, Monitoring, Load Balancing