

Micahel Biru

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PROFESSIONAL SUMMARY

Full-stack developer and computer science student with hands-on experience designing, building, and deploying production-ready web applications end-to-end. Proficient across React and Next.js on the frontend, Node.js and Express on the backend, and PostgreSQL with Prisma on the data layer. Proven ability to independently ship secure, responsive applications from database design through cloud deployment.

EDUCATION

Northern Virginia Community College (NOVA)

Associate of Science in Computer Science

Virginia

Expected 2027

Relevant Coursework: Data Structures, Programming, Database Concepts, Computer Systems, Discrete Mathematics

PROJECTS

InventoryPro - Inventory Management System

Next.js, Node.js, Express, Prisma, PostgreSQL, JWT, Tailwind CSS

- Built a full-stack inventory platform with secure JWT authentication, protected routes, and role-aware access across 3 core modules: authentication, products, and suppliers.
- Designed REST API routes and relational database models for 2 core entities - products and suppliers - supporting complete CRUD and server-side validation workflows.
- Engineered a responsive dashboard with reusable UI components and integrated frontend services for immediate inventory and supplier data updates.
- Deployed the application across 3 cloud services: the frontend on Vercel and the Node.js backend and PostgreSQL database on Railway.

Nexora - Client Management Platform

Next.js, TypeScript, Tailwind CSS, Radix UI, ShadCN UI

- Architected a full-stack SaaS-style client management application covering 6 core workflows: authentication, dashboard, client records, follow-ups, activity logs, and account settings.
- Built reusable interface components and structured responsive layouts for client management workflows on desktop and mobile screens.
- Implemented a RESTful client API and structured data models for 4 entities: clients, tasks, notes, and AI-assisted follow-ups.
- Organized the codebase into modular pages and components to support maintainable feature expansion and consistent user experiences.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS

Frontend: React, Next.js, Tailwind CSS, ShadCN UI, Radix UI, Responsive Web Design

Backend: Node.js, Express.js, REST APIs, JWT Authentication, Server-Side Validation

Databases and Tools: PostgreSQL, Prisma ORM, Git, GitHub, Postman, Vercel, Railway