Mohamed Datt

Full-Stack Software Engineer (TypeScript • Next.js • AI)

Norfolk, Virginia, USA | d.mohamed1504@gmail.com | +1 518-704-9000 | https://github.com/MeeksonJr | https://meekson.me

PROFESSIONAL SUMMARY (RECRUITER / SOFTWARE ENGINEER TRACK)

Results-driven Full-Stack Engineer (3.8 GPA, 1st Place out of 13 internship teams, 2 commercial SaaS products sold). Proven ability to ship scalable TypeScript, React/Next.js, PostgreSQL/Drizzle, and AI-powered applications with automated E2E/unit test coverage.

TECHNICAL STACK

Core Stack:	TypeScript • React 19 • Next.js 15/16 • Node.js • PostgreSQL • Drizzle ORM
Cloud & QA:	Supabase • Stripe • Playwright E2E • Vitest • Docker • Vercel CI/CD
Languages:	TypeScript • JavaScript • Python • C++ • Dart/Flutter • SQL

EXPERIENCE & RESEARCH

Undergraduate Edge-AI Researcher & Systems Builder
2025 – Present

ODU Hands-On Lab (Prof. Ajay K. Gupta) • Norfolk, VA

- Engineered NeuroShield-ADRD, a 10Hz real-time EDA/PPG + UWB spatial telemetry demonstrator predicting dementia agitation 20 minutes pre-crisis.
- Built VocalPulse-Edge contactless facial video rPPG prototype achieving ±1.5 BPM parity with WearOS smartwatches and contributing to 10 NIH/NSF grant proposals.

Independent Full-Stack & AI SaaS Founder
2024 – Present

Commercial Client Acquisitions & Open Source • Norfolk, VA

- Built and sold 2 commercial web/SaaS platforms including InterviewPrep AI (Vapi voice mock interviews, Gemini feedback, PostgreSQL & PayPal).
- Architected ResumeForge AI (Next.js 16 + Flutter mobile + Stripe) and AuditPulse AI / SEOSPACE (Puppeteer SEO crawler + Gemini audit engine).

Software Developer Intern (1st Place / 13 Teams)
Sep 2024 – Dec 2024

Product Manager Accelerator • Norfolk, VA

- Led full-stack development of EduSphere AI using Next.js, TypeScript, Supabase RLS, Gemini & Hugging Face APIs, winning 1st Place out of 13 competing teams.
- Delivered multi-tenant authentication, AI academic workflows, and responsive Tailwind architecture ahead of schedule.

SELECTED FLAGSHIP BUILDS & ACQUISITIONS

InterviewPrep AI (Commercial Acquisition)
Next.js • PostgreSQL • Gemini • Vapi Voice • Firebase • PayPal

- Built and sold full-stack voice + text AI mock interview SaaS platform to a private client with ongoing maintenance contract.

ResumeForge AI (Web + Flutter)
Next.js 16 • Zustand • Stripe • Playwright • Vitest

- Implemented drag-and-drop resume studio, real-time ATS keyword scoring, Stripe subscriptions, and high-DPI PDF rendering.

EduSphere AI (1st Place / 13 Teams)
Next.js • Supabase RLS • Gemini • TailwindCSS

- Architected multi-tenant K-University SaaS platform winning 1st Place out of 13 competing engineering teams.

EDUCATION

B.S. in Computer Science — Old Dominion University (Norfolk, VA)
Jan 2025 – Present

Coursework: Data Structures & Algorithms, Operating Systems, Database Systems, Computer Architecture, C++, Software Engineering.

A.S. in Computer Science (3.8 GPA • Dean's List) — Tidewater Community College (Norfolk, VA)
Sep 2022 – Dec 2024

Honors: 3.8 GPA, Dean's List, 1st Place Fall 2024 Internship Competition.