

# Aahil Nishad | Available: Jul. – Dec. 2026

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## EDUCATION

**Northeastern University**, Boston, MA

3.8/4.0 – Dean's List

*Bachelor of Science in Computer Science, Honors*

*Expected May 2027*

Relevant Courses: Artificial Intelligence, SWE, Algorithms, OOD, Systems, ML & Data Mining I, Database Design

## TECHNICAL SKILLS

**Languages**: Java • TypeScript • Python • Go • JavaScript • C • C++

**Frontend**: React • React Native • Next.js • Astro • Vue • Tailwind • Framer Motion

**Backend**: PostgreSQL • MySQL • MongoDB • Drizzle • SQLAlchemy • GoFiber • Express • FastAPI • Flask • OpenAPI

**DevOps & Infrastructure**: AWS • Azure • OCI • Docker • Git • Terraform • CI/CD • Linux

## EXPERIENCE

**Klaviyo, Inc.**

Jan. 2026 – Jun. 2026

*Incoming Software Engineer Co-op, Full-Stack*

*Boston, MA*

**Healthtech SaaS Startup**

Jul. 2025 – Aug. 2025

*Member of Technical Staff (Software)*

*Remote*

- Developed a full-stack therapy management platform (Next.js/TypeScript + GoFiber/Postgres/OpenAPI) deployed on Oracle Cloud Infrastructure, serving 45+ patients across 3 pediatric centers, processing 200+ monthly sessions.
- Engineered scalable multi-tenant architecture with HIPAA-equivalent data compliance across international markets.
- Optimized database performance with indexed queries, connection pooling, and normalized schema handling 15+ interconnected entity types (patients, guardians, staff, sessions, patient goals, assessments).

**Verizon Communications (NEXT)**

Jan. 2025 – Jul. 2025

*Software Engineer Co-op*

*Boston, MA*

- Architected a React/TypeScript + FastAPI/Python application with Verizon's AI & Data team deployed on AWS (ECS, Lambda, RDS PostgreSQL, VPCs) via Terraform, enabling visualization of sentiment and network data.
- Implemented an unsupervised ML pipeline (sentiment analysis, anomaly detection, KeyBERT topic modeling) across 5+ sources that reveal geospatial hotspots across all 50 US states and 4 territories.
- Automated ETL workflows for multi-source data collection, transformation, and analysis, establishing trend monitoring capabilities that flag emerging issues across diverse data streams, addressing \$150M+ in annual churn revenue loss.

**Generate Product Development**

Sep. 2024 – Present

*Software Engineer*

*Boston, MA*

- Collaborate with a cross-functional team of 11-14 designers and engineers in an Agile environment to build a series of social media applications for clients, built with TypeScript, React Native, Golang, Hono, Fiber, PostgreSQL.
- Build 25+ reusable frontend components including custom image carousels, infinite scroll feeds, and gesture-based navigation systems, with form validation, photo upload, and social connection features.
- Design backend systems and implement database schemas supporting social features like real-time activity feeds, media processing pipelines, and multi-layered user interactions, connecting to Spotify API, Amazon S3, and Supabase Auth.

## PROJECTS

**Briefcase** | AWS SES, S3, Lambda, Comprehend, DynamoDB, Next.js, Python

Feb. 2025

- Built a serverless job application tracking pipeline with dynamic user account creation and intelligent email routing based on user authentication data and profile information.
- Trained an NLP entity recognition model on Amazon Comprehend and integrations with AWS Lambda for email content analysis, extracting fields like Position Title, Company Name, and Application Status for display.

## HONORS & AWARDS

- Top 10 Project Finalist, *SiliconXL Launchathon* (Nov. 2024) • Honors Impact Badge, *Northeastern University* (Aug. 2024)
- Best Use of MongoDB Atlas, *HackBeanpot2024* (Feb. 2024) • VEX Worlds Division Champion, *Danbury Robotics* (May 2023)

Languages: Malayalam (Fluent), Spanish (Conversational), Hindi (Beginner), Arabic (Beginner)