

ASHISH MISHRA

Dallas, TX

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Education

The University of Texas at Arlington

Bachelor of Science in Computer Science

Arlington, TX

Expected Dec 2026

- **GPA:** 3.72 **Major GPA:** 3.86

Relevant Coursework

Data Structures, Algorithms, Database Systems, Operating Systems, Computer Networks, Software Engineering, Object-Oriented Programming, Artificial Intelligence

Projects

LedgerOne: Full-Stack Stock Paper Trading Platform

[Live Demo](#) — [GitHub](#)

Java, Spring Boot, Spring Security, PostgreSQL, Flyway, React, TypeScript, Docker

- Built a deployed stock paper-trading platform with JWT/refresh-token authentication, protected React workflows, live stock search, watchlists, holdings, trade history, and a \$100K funded account per user.
- Modeled 13 JPA entities and 14 PostgreSQL/Flyway-managed tables covering users, roles, portfolios, holdings, trade orders, audit logs, risk alerts, price history, watchlists, and ledger transactions.
- Implemented buying-power checks, sell-share validation, market/limit orders, duplicate-safe client order IDs, Finnhub-backed quote refresh, and 18 passing JUnit 5/Mockito tests across core backend services.

DevOpsPulse: Full-Stack Uptime Monitoring Platform

[Live Demo](#) — [GitHub](#)

React, TypeScript, Express, Prisma, PostgreSQL, JWT, cron-job.org

- Built and deployed a full-stack uptime monitoring platform with monitor CRUD, latency charts, public status pages, and protected uptime checks triggered every minute through an external cron-job.org scheduler.
- Designed Prisma and PostgreSQL models for users, monitors, check results, incidents, alerts, status pages, and password reset tokens, with indexed time-range queries for uptime and latency metrics.
- Implemented secure authentication with JWT HttpOnly cookies, bcrypt password hashing, CORS-protected API routes, and a reset-password flow using 30-minute single-use tokens.

ResumeRoast: Full-Stack AI Resume Analyzer SaaS

[Live Demo](#) — [GitHub](#)

React, Node.js, Express, MongoDB, Claude API, Stripe

- Built a full-stack resume analysis app that accepts PDF uploads, extracts resume text, and uses the Claude API to generate an ATS-style score, blunt feedback, prioritized issues, and a rewritten resume.
- Implemented authentication, MongoDB-backed user accounts, analysis history, and server-side usage limits with 1 free analysis per account and 10 analyses per day for Pro users.
- Integrated Stripe Checkout, Billing Portal, and webhook handling for subscription status sync, with protected premium flows and downloadable PDF/DOCX resume rewrites.

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, HTML/CSS

Frontend: React, Vite, React Router, Tailwind CSS, Responsive Web Design

Backend: Spring Boot, Spring Security, Spring Data JPA, Node.js, Express.js, REST APIs

Security: JWT Authentication, Refresh Tokens, HttpOnly Cookies, bcrypt, CORS, RBAC, Server-Side Validation

Databases & ORM: PostgreSQL, MongoDB, Prisma ORM, JPA/Hibernate, Flyway

Tools & APIs: Git, Docker, Stripe API, Claude API, Finnhub API, PDF/DOCX Generation, cron-job.org

Cloud & Deployment: Vercel, Render, Neon, MongoDB Atlas

Certifications & Achievements

HackerRank Software Engineer Certification

2026

Credential

HackerRank

President's List

Fall 2025, Spring 2026

Awarded for earning a 4.0 semester GPA

The University of Texas at Arlington