

JINAL DAVE

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EDUCATION

Master of Science in Software Engineering

Relevant Coursework:

- Coursework emphasized algorithms, software architecture, UI/UX, and large-scale distributed systems.

Bachelor of Science in Electrical and Computer Engineering Technology

New Jersey Institute of Technology, Newark, NJ

Graduated: MAY 2024

Relevant Coursework:

- Java Programming, Computational Analysis (Matlab), Project Engineering, Web Development, Embedded Systems and IoT, Mobile App Development, Technology Business Startup Practices

Academic Honors: Graduated *Magna Cum Laude*, *Dean's Honor List* (Jul. 2021), *Presidential Honor List* (Jul. 2020, Jan. 2020)

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript/TypeScript, SQL, C# (basic)
- **Front-End:** React, Angular (academic familiarity), Redux, CSS3, HTML5, Accessibility Standards (WCAG)
- **Back-End:** Node.js, Spring Boot, REST APIs, gRPC (basic)
- **Databases:** PostgreSQL, MySQL, Firebase
- **Tools/Frameworks:** Docker, Kubernetes (intro), RxJS (academic familiarity), Git, Agile, TDD, CI/CD, JUnit, Jest
- **Cloud/Monitoring:** AWS (basic), GCP (familiarity), Prometheus, Grafana

PROJECTS

Resume Analyzer Chrome Extension - HTML, CSS, JavaScript, Chrome API (Manifest V3)

OCT. 2025

- Engineered a Chrome extension that **analyzes and scores resumes** against job descriptions using **AI-driven text similarity**, helping job seekers **optimize their applications and improve match relevance**.
- Implemented persistent local storage and optimized a responsive, user-friendly UI/UX for seamless in-browser functionality.

AI Powered Book Recommendation System - React, Node.js, Docker, Prometheus, Grafana

MAR. 2025 - MAY 2025

- Built a scalable full-stack app with asynchronous API calls for recommendations, simulating **AI microservice pipelines**.
- Enhanced system health with **real-time monitoring (Prometheus/Grafana)**, improving reliability and debugging efficiency.

Bug Tracker & Task Manager - React, Node.js, PostgreSQL, Docker, JWT, REST API, Socket.IO

DEC. 2024 - JAN. 2025

- Designed a role-based tracking system with **real-time updates via WebSockets**, improving collaboration efficiency.
- Focused on UI performance optimization and accessibility in dashboards for diverse users.

LEADERSHIP AND WORK EXPERIENCE

Peer Success Guide - New York Institute of Technology, New York, NY

AUG. 2021 - MAY 2022

- Mentored 30+ first-year students by guiding academic planning, project selection, course registration, and use of campus platforms, while tracking progress and engagement through accurate documentation.
- Facilitated connections to on-campus resources, provided referrals tailored to academic and extracurricular needs, and encouraged participation in university tech events and activities.

Peer Tutor - New York Institute of Technology, New York, NY

NOV. 2019 - MAY 2022

- Tutored 10+ technical courses including Programming (Java, Python), Data Structures and Algorithms, Calculus, Statistics, Physics, and Electrical Circuits
- Developed personalized learning plans, guiding students through debugging and problem-solving, and supporting academic performance in both in-person and virtual formats.

Club Secretary - Society of Women Engineers (NYIT Chapter), New York, NY

OCT. 2019 - DEC. 2021

- Established and grew a 50+ member community of women engineers, organizing events that supported technical education, professional development, and peer networking.
- Led national conference participation, securing SWE WE Local 2020 Membership Growth Award and facilitating 20+ students' attendance at WE'20 (virtual) and WE'21 (Indianapolis).

Cyber Security Virtual Intern - Saint Peter's University, Jersey City, NJ

SEPT. 2018 - DEC. 2018

- Investigated a cybersecurity threat case on the iQ4 platform involving the Hack Elites, conducting compliance analysis and applying the NIST framework for threat detection, containment, and recovery.
- Collaborated with administrative staff and team members to address regulatory concerns and uphold cybersecurity compliance standards.