

JINAL DAVE

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EDUCATION

Master of Science in Software Engineering

Relevant Coursework:

New Jersey Institute of Technology, Newark, NJ

Graduated: MAY 2024

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

Bachelor of Science in Electrical and Computer Engineering Technology

New York Institute of Technology, New York, NY

Relevant Coursework:

Graduated: MAY 2022

- 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.