JINAL DAVE

Jersey City, NJ 07307 | (551) 263-4551 | jinaldave03@gmail.com | LinkedIn | GitHub | Personal Website

EDUCATION

Master of Science in Software Engineering   *New Jersey Institute of Technology, Newark, NJ*
Relevant Coursework: **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.