

NISHANT JOSHI

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SUMMARY

Entry-level Software Engineer (NJIT '25) building full-stack applications using Python, Node.js, React, and PostgreSQL. Built internal tools adopted by 17+ staff, cutting reporting workflows from hours to minutes, and shipped a consumer app with 6.88k downloads.

EDUCATION

New Jersey Institute of Technology

Newark, NJ

Bachelor of Science in Computer Science, Minor in Data Analytics

Graduated Aug. 2025

- Relevant Coursework: Data Structures & Algorithms, System Design, Database Systems, Artificial Intelligence

EXPERIENCE

Internal Tools Developer Intern

Jan. 2024 - Present

NJIT Career Development Services

Newark, NJ

- Built **OutcomesHub** (Node.js/Express, PostgreSQL, Chart.js) consolidating outcomes from 7-8 sources with RBAC, CSV ingestion, and rollback; supports 15-17k records and reduced reporting from 1-4 hours to 10-30 minutes
- Created **TrackIT** (FastAPI, Supabase) inventory system with admin controls and notifications; manages laptops, projectors, DYMO printers and consumables; adopted by 17 staff
- Developed **CFM** (React, Supabase) with realtime updates, kiosk mode, notes, and employer search; scaled for 210+ employers and 750-800 reps, cutting check-in from 1.5-2 min to 30-40 sec
- Developed **EPI** (React, TypeScript, Supabase, Recharts) employer engagement dashboard with tiered scoring, fuzzy company matching (Jaro-Winkler), and automated scorecard calculation; tracks 10+ engagement categories across 700+ employers with upload rollback and merge tooling

Software Engineering Capstone

Sep. 2024 - Dec. 2024

Merck (Sponsored Capstone Project)

Newark, NJ

- Provisioned and secured an Ubuntu Azure VM hosting MySQL, with SSH key access and firewall rules restricting login to approved IPs for a 5-person team
- Implemented role-based DB access and basic audit logging capturing user activity + timestamps to support modernization of an internal time-entry workflow

PROJECTS

TasteTrail | React Native, FastAPI, Supabase

- Built mobile app for personalized recipe discovery and restaurant search using GPS/ZIP + category filters
- Reached 106k impressions, 6.97k product page views, and 6.88k total downloads (first-time + redownloads) via App Store analytics

TRAVaiL | Django, React, MongoDB Atlas, OpenAI, Google Places

- Built and deployed an AI-powered travel itinerary planner with live search and personalized recommendations; refactored and migrated infrastructure to better align with early-stage usage and operational efficiency.

DubBuddy | FastAPI, Docker, Whisper/TTS, AWS (EC2/S3)

- Built and containerized a dubbing pipeline (transcription → translation → TTS → subtitles → merge); deployed on AWS (EC2/S3)

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Java

Frameworks: Django, FastAPI, React, React Native, Node.js/Express, Next.js, Expo

Databases/Cloud: PostgreSQL, MySQL, MongoDB Atlas, Supabase, AWS, Azure

Tools: Docker, Git, Linux

LEADERSHIP

Student Representative

Mar. 2024 - Aug. 2025

NJIT Career Development Services Advisory Board