

MAHEK RAVI NAGDEV

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Skills

Languages and Frameworks: Python, Java, JavaScript, APEX, Django, Flask, React.js, Node.js, Machine Learning

Databases & Cloud: MySQL, PostgreSQL, MongoDB, Salesforce, Amazon Web Services (AWS), Azure DevOps

Tools & Practices: Git/GitHub, JIRA, Junit, Postman, Agile, Test-Driven Development (TDD), CI/CD, Version Control

Education

Northeastern University

Sept 2025 – Expected May 2027

Master of Science in Computer Science; GPA - 3.67/4

Boston, MA

Relevant Coursework: Artificial Intelligence, Programming Design Paradigm, Database Management System, Algorithms

Vivekanand Education Society's Institute of Technology

Aug 2018 – Aug 2022

Bachelor of Engineering in Computer Engineering; CGPA - 8.94/10

Mumbai, India

Relevant Coursework: Object-Oriented Programming, Algorithms, Data Structures, Software Engineering, Computer Graphics

Experience

Deloitte USI

Jan 2023 – Aug 2025

Consultant (Jun 2025 - Aug 2025) — Analyst (Jan 2023 - May 2025)

Mumbai, India

- Architected and delivered global Salesforce **CPQ rollout as SME worth €50M**, designing scalable security models across 5 international business units **serving 500+ users**.
- Engineered **23+ automation solutions** (out of 400 user stories) using Apex triggers, flows, and Lightning Web Components, reducing manual processing time by **30%** and improving data entry speed for 200+ users.
- Contributed to cross-functional agile teams across 3 major clients (US, France, Belgium) to optimize pricing logic and approval workflows, **achieving 35% efficiency improvement** in quote-to-cash cycles.
- Delivered **10+ production releases with 95%+ test coverage** through test-driven development, cutover planning, and post-deployment validation, maintaining zero critical defects and overall **defect density of less than 0.5%**.
- Received **3 Deloitte USI awards** for excellence in Sales, Service, and CPQ delivery and **earned 5 Salesforce certifications** (CPQ Specialist, Platform Developer I, AI Associate, App Builder, Administrator).

Intellect Select Pvt. Ltd.

Sept 2022 – Jan 2023

Web Technologies Intern

Bengaluru, India

- Engineered 10+ PostgreSQL stored functions processing 50K+ JSON records daily, automating complex data transformations and **reducing pipeline execution time by 45%**.
- Developed RESTful Django wrapper APIs integrating 5+ data sources for real-time analytics, **reducing query latency by 40%** and supporting 1000+ daily API calls.

Auto-DL

Jun 2021 – Aug 2021

Backend Developer Intern

Mumbai, India

- Architected modular Python backend features using object-oriented design principles, **improving code reusability by 60%** across 3 core modules and **reducing development time for new features by 35%**.
- Implemented secure OTP-based password reset system with automated email workflows, enabling self-service account recovery for 500+ users and reducing manual support tickets by 25%.
- Executed comprehensive testing across 15+ features, achieving **98% test coverage** and zero critical bugs in production.

Projects

Variant Flow | AWS (Lambda, S3, DynamoDB, API Gateway, React)

Dec 2025

- Built serverless AWS genomics data pipeline using **Lambda, S3, DynamoDB, API Gateway, and CloudFront** to process large VCF files, extract and analyze genetic variants with automated classification, and visualize clinical insights through interactive React-based dashboard.

Event Master | Java (Swing, MVC)

Nov 2025

- Developed a **Java calendar management system with Swing GUI** implementing MVC architecture, featuring time zone-aware event handling, complex recurring series with three edit scopes, and support for multiple interaction modes (GUI/CLI/headless scripting).

Life Link - Organ Donation Platform | Django, MySQL, React

Oct 2025

- Engineered full-stack transplant management system using **Django and MySQL** with 18 normalized tables, 4 stored procedures, 6 automated triggers, and multi-criteria matching algorithms **achieving 95%+ compatibility accuracy** for life-critical organ allocation.

Krushi Vikas | Machine Learning, Django, Image Processing

May 2022

- Led a team of 4 to build **Django + Machine Learning-based platform** with crop prediction (99% accuracy), plant disease detection (95%), tool rentals, climate/news updates via REST APIs. Won Best Technical Paper at ICEAT 2022.