

# IRIN JOSHI

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## PERSONAL PROFILE

Aspiring Computer Science graduate specialising in Machine Learning & AI, with hands-on experience through a seven month Software Engineering internship at Fidelity Investments and multiple data-driven academic projects. Passionate about developing innovative solutions that create positive business impact and eager to contribute in a collaborative, fast-paced environment.

## TECHNICAL SKILLS

**Languages:** Python, Java, SQL, JavaScript, HTML

**Cloud & DevOps:** Azure, GCP, Jenkins, CI/CD

**Frameworks & Tools:** Django, Flask, Git, PowerBI, Tableau, Insomnia

**Databases:** Snowflake, Oracle, MongoDB

## SOFT SKILLS

**Problem-Solving:** Analytical thinker experienced in debugging, data analysis and delivering efficient code solutions.

**Collaboration & Teamwork:** Experience in agile, cross-functional teams, proactively engaging in code reviews and sprints.

**Communication:** Strong written and verbal communication skills developed through academic and internship experiences.

**Adaptability:** Fast learner, comfortable with new tools and dynamic development environments.

## EDUCATION

BSc (Hons) in Computing with Machine Learning & Artificial Intelligence

Technological University Dublin, Ireland

*September 2022 - May 2026 (Expected)*

- Year 1 GPA: 3.6/4.0 | Year 2 GPA: 3.5/4.0 | Year 3 GPA: 3.5/4.0
- Year 4 Expected GPA: 3.7/4.0
- Relevant Modules: Data Analysis & Programming, Software Development, DevOps, Applied Machine Learning

## EXPERIENCE

Software Engineer Intern

Fidelity Investments, Dublin, Ireland

*January 2025 - August 2025 (7 months)*

- Developed and optimized backend services as part of the Business Metrics Data Lake squad, improving access to strategic data for decision-making
- Participated in CI/CD pipeline testing & development, performed data modelling tasks, contributing to faster and safer deployments
- Experience with Python, SQL, Jenkins, Power BI, Tableau

## PROJECTS

Patient Waiting Lists Prediction with Machine Learning

- Final year project using a predictive model to forecast Irish hospital waiting list volumes, supporting healthcare capacity planning

Restaurant Management App

- Led development of a Django-based full-stack web app enabling user authentication, reservations and e-commerce features. Implemented CRUD operations and relational database integrations

## CERTIFICATIONS

- Microsoft - Build Apps with Azure DevOps (2025)
- Cisco - Data Analytics Essentials (2024)

## ACHIEVEMENTS

- NFL Big Data Bowl Hackathon Participant 2025
- 3<sup>rd</sup> place in Oracle APEX RAD Hackathon 2024

## REFERENCES

Available on request