

# Rohan Handore

Dublin, Ireland

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**Work authorisation:** Legally authorised to work in Ireland, valid **Visa** permission (Stamp 1G).

## Experience

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### Software Engineer (Early Career)

Dec 2025 to Present

*Babylon Radio, Dublin, Ireland*

- Contributed to a live **Product** by partnering with **Stakeholder** groups to determine **user requirements** for features and fixes, and incorporated **Feedback** from multiple channels into follow-up work.
- Assisted** senior engineers under **Technical Leadership** by breaking work items into tasks, providing estimates, escalating risks early, and keeping delivery disciplined and predictable.
- Created** and implemented maintainable, extensible code with a focus on diagnosability, **reliability**, and maintainability; improved logging and error handling to support faster issue triage.
- Supported **Service** operations by helping investigate production issues impacting performance or functionality, proposing mitigations, and validating fixes in simulated or non-production environments.
- Contributed to **Testing** by writing and running test cases before release and documenting reproduction steps to ensure fixes were safe to deliver.
- Participated in lightweight **Automation** efforts (scripts and repeatable runbooks) to reduce manual checks and improve release confidence.
- Practiced day-to-day **Technical Engineering** fundamentals: code reviews, clear documentation, and respectful collaboration aligned with team **Culture** and values.

**Technologies:** Python, JavaScript, REST APIs, Git, Linux, SQL (PostgreSQL)

### Guest Lecturer / Technical Instructor (Part-time)

Mar 2023 to Jan 2024

*College Workshops, India*

- Delivered lectures and live coding sessions on Data Structures and Algorithms: arrays and strings, recursion, hashing, stacks and queues, linked lists, trees (BST and traversals), heaps, graphs (BFS and DFS), dynamic programming, greedy algorithms, and time and space complexity.
- Created** practical assignments focused on **Testing** mindset: test case design, edge cases, debugging discipline, and communicating trade-offs clearly.
- Taught system design fundamentals including requirements, API design, data modeling, caching, replication, queues, scalability trade-offs, and observability (logs and metrics).
- Demonstrated **Leadership of others** by mentoring students through structured problem solving and clear technical writing.

**Technologies:** Python, Java, Git, SQL, Linux

### Software Engineering Trainer / Technical Instructor

Dec 2022 to Jan 2024

*TechnoKraft Training and Solutions Pvt. Ltd., Nashik, India*

- Designed and delivered curriculum aligned to real-world **Technical Solutions** for early-career engineers, focusing on maintainable code, debugging discipline, and professional engineering habits.
- Created** structured learning plans and practical labs that reinforced clean APIs, data modeling, and production-style problem decomposition.
- Demonstrated consistent **Leadership** and **Discipline** by running recurring sessions, tracking progress, and providing actionable feedback for improvement.

**Technologies:** Python, Java, Data Structures, System Design fundamentals

### Software Engineering Intern

Jun 2022 to Aug 2022

*Eluminus Technologies Pvt. Ltd., Nashik, India*

- Assisted engineers with implementation tasks, bug fixes, and code reviews, learning professional workflows and delivery expectations.
- Improved engineering fundamentals across Git branching, readable commits, and basic **Testing** with reproducible steps.

**Technologies:** Java, Python, SQL, Git

## Education

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### Master's in Big Data Management and Analytics (70.5%)

Griffith College Dublin, Dublin, Ireland

Coursework: Data Structures and Algorithms, Software Engineering, Database Systems, Distributed Systems, Big Data Management, Applied Statistics

### Bachelor's in Computer Science (82%)

Savitribai Phule Pune University, India

Coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Computer Networks, Software Engineering

## Skills

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**Languages:** Python (2+ years), Java (2+ years), JavaScript (1+ year), SQL, C++ (basic), C# (basic)

**Engineering:** Technical Engineering, OOP, clean code, code reviews, debugging, documentation, estimations, incident triage

**Architecture:** Architecture fundamentals, REST APIs, system design basics, data modeling, scalability trade-offs, observability (logs and metrics)

**Quality:** Testing (unit and integration mindset), reproducible test cases, validation in non-production environments

**Delivery:** Automation scripts, CI style checks (where applicable), Git workflows, production readiness practices

**Collaboration:** Partnership with stakeholders, incorporating Feedback, working within team Culture, leadership and mentorship experience

## Projects

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### Proxy Censorship Agent for LLMs (Python)

- Designed a proxy layer to intercept and evaluate prompts and responses, enabling policy-based filtering and safe handling of untrusted inputs.
- Created a modular approach to Implement policy updates without rewriting core logic, improving maintainability.
- Added lightweight Testing using repeatable test prompts and regression checks to validate behaviour changes.

### Python Trading Bot (Python, APIs)

- Built an automated trading workflow with deterministic strategy evaluation and robust error handling.
- Ran strategies in simulated environments first to confirm error-free runtime and validate logic before any real execution.
- Added Automation for scheduled runs and logging, plus Testing via replayed historical scenarios and edge case checks.

## Open-source Contributions

- Contributed small fixes and improvements by reading unfamiliar codebases, following contribution guide-

lines, and submitting clean pull requests.

- Practiced collaboration via review comments, incremental **Proposals** for changes, and clear implementation notes.

## Certifications

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**Google Professional Data Engineer**