SAURABH GAGLANI

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EDUCATION

California State University, Northridge   Northridge, CA
MS, Computer Engineering   *August 2024 – May 2026*

Munster Technological University   Cork, Ireland
BSc, Software Development (with Hons.); GPA: 3.275/4   *Sep. 2019 – June 2023*

PROFESSIONAL EXPERIENCE

Spanish Point Technologies   Dublin, Ireland
Junior .NET Developer   *June. 2023 – March 2024*

- **Azure AD B2C:** Created end-to-end encrypted bespoke login pages for clients by writing custom policies in XML on Azure Active Directory B2C.
- **Pyspark, CosmosDB & SQL integration :** Wrote pyspark code that parsed music usage files with millions of data points and wrote parsed data into CosmosDB and SQL Server Databases using stored procedures.
- **Quality Assurance:** Designed and wrote unittests, function tests, end-to-end tests to guarantee the robustness of code
- **DevOps:** Search and recommendation system services are stored in Azure Cloud. Renovated the script, migrate the dictionary from Azure Cloud to its own distributed file system. Saved $3000 per month and ensured productive work time even when Azure systems are down.

Teamwork.com   Cork, Ireland
Software Engineer Intern   *January 2022 – August 2022*

- **College work placement**: Part of Munster Technological University's 'work placement' course - where one can work full time for a semester and over the the summer if they secure an internship
- **Tailwind Migration:** Migrated all existing CSS code to tailwind CSS resulting in a cleaner codebase and the deletion of over 50 CSS files.
- **Data Visualisation:** Created interactive work and cost burndown charts for contractors on a retainer. Part of the retainer subsection on the finance page on Teamwork.com and only available to the highest paying users.
- **Legacy Code Migration:** Rewrote more than 10 legacy code component files from Coffescript to VueJS.

Munster Technological University   Cork, Ireland
Part-Time Technical Support   *Sep. 2021 – Jan. 2022, Sep. 2022 – Jan. 2023*

- **Frontdesk Assistance:** Supported the transition to new systems using Azure AD B2C and new CA certificates for Eduroam following a major ransomware attack in 2023, helping students and staff navigate the new steps that were added to access their accounts, while also making time for my own senior year studies.
- **Technical Support:** Provided front-line technical support at the college's sole IT Service Desk. Handled approximately 20 technical queries daily.

SELECTED PROJECTS

DFS Maze Game (GitHub): Escape a maze uniquely generated using DFS recursive algorithm

Jeopardy (GitHub): Uploaded to Azure, 2 Players interact with a server using GRPC and play Jeopardy

SELECTED SKILLS

Languages: C, Python, Java, JavaScript

Developer Tools: Git, Docker, Azure, Jetbrains Suite