Joshua Sunil Mathew

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Education

Technological University Dublin, BSc in Computer Science - Infrastructure   September 2022 – June 2026
- GPA: 3.5/4.0
- **Coursework:** Computer Programming, Operating Systems, Networking, Web Development, Software Engineering, Microprocessors, Algorithms

Portmarnock Community School, Irish Leaving Certificate   September 2016 – June 2022
- **Subjects:** Mathematics (H5), English(H4), Irish(H3), Physics(H4), Engineering(H2), Economics(H4), French(H4)

Experience

IT Systems Engineer Intern, Ocuco Limited, Blanchardstown, Co. Dublin   January 2025 – Present
- During the internship - Managed user lifecycle tasks in Active Directory (creating, updating, and deactivating accounts)
- Provided administrative support across Microsoft 365, Azure AD, and Endpoint Manager
- Handled day-to-day IT support requests through Jira Service Management
- Participated in weekly IT meetings and contribute to project coordination
- Performed hardware/software troubleshooting for employees across departments around the world
- Conducted internal audits and reporting using ManageEngine tools
- Developed scripts to automate repetitive administrative tasks and improve efficiency
- **Tech Stack:** Jira, Confluence, Cortex XDR, Azure AD, Microsoft 365 Admin, PowerShell, Python, Linux

Sales Assistant - Checkouts Department, O'Ciobhain's SuperValu, Swords, Co. Dublin   October 2022 – January 2025
- Accurately scanned products and services, verifying correct pricing and efficient checkout for all transactions
- Collected payments via cash and credit, via till operation in a dynamic work environment
- Managed approximately 50-75 customer transactions with every shift - ensuring the best customer experience
- Aides customers with the operation and Facilitated the maintenance of the Self-Checkout systems
- Authorized to process any refund / return transactions in accordance with the relevant store policies
- Ensured that product displays are fully stocked and ready for purchase
  Soft Skills: Retail, Communication, Team-Work

Projects

Python Terminal Adventure Game - Cult of Shadows

November 2024
- Developed, A text-based game, team project created as part of the Object Oriented Programming Module
- Achieved a 94% team-grade overall
- Leveraged the PyGame Library for background audio during certain segments of the game
- Managed the design and style of the opening introductory level.
  Tools: Python, Pygame, Github, Pycharm

Java Search Engine

April 2024
- Designed and created a Java Application that utilizes Object Oriented Programming principles to create a

searching system for a set of .txt files within a selected directory

- Obtained a 75% individual grade overall

Tools: Java, Java Swing, Eclipse IDE, Github

Restaurant Website - Not KFC

April 2024

- Developed a sample restaurant website with ordering functionality, with a working user authentication system and database manipulation functionality **Tools: HTML, CSS, PHP, PHPmyAdmin, XAMPP**

Certifications

- NVIDIA - Fundementals of Deep Learning
- Cisco Certified Network Associate - Intro to Networks
- Cisco Certified Network Associate - Switching, Routing and Wireless Essentials
- Cisco Certified Network Associate - Enterprise Networking, Security and Automation
- Cisco - Intro to Cyber Security

Additional Experience

August 2024
Amazon Campus Summer Series

Selected to attend an invite only webinar to gain insight about software development, career development and technical pathways into working life

Technologies

Languages: C, Python, Java, Kotlin, HTML, CSS, JavaScript, PHP, PostgreSQL

Technologies Tools: Git, GitHub, Bitbucket, Linux, Docker, XAMPP, UML, System Design, Object-Oriented Programming (OOP), Databases, Visual Studio Code, PyCharm, DBeaver