Vaishakh Edathara Variar

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https://www.linkedin.com/in/vaishakhvariar/ | Visa Status: Stamp 1G (Graduate Visa)

Visa Details:
https://www.irishimmigration.ie/registering-your-immigration-permission/information-on-registering/immigration-permission-stamps/

Education

MASTER OF SCIENCE IN COMPUTING SCIENCE | UNIVERSITY COLLEGE CORK, IRELAND

- September 2020 - October 2021
- Key modules: Database Technology, GDPR, Information Storage and Retrieval, Optimisation, Complex Systems Design, Topics in Artificial Intelligence, Applied Computer Simulation and Analysis, Data Mining.

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE | N. M. A. M. INSTITUTE OF TECHNOLOGY, NITTE, INDIA

- August 2015 – September 2019
- CGPA: 7.92
- Key modules: Data Structures and Algorithms, Object-Oriented Programming, RDBMS, Web Development, Big Data, Machine Learning, Software Engineering.

12TH GRADE | LOURDES CENTRAL SCHOOL, MANGALURU, INDIA

- June 2014 – May 2015
- 86.2%
- Core Subjects: Physics, Chemistry, Mathematics, Computer Science.

Academic Projects

- "Analysis of KNN": Implemented the k-Nearest Neighbour algorithm on a wine dataset with 13 features to predict the quality of wine with a reasonable degree of accuracy and compared the model's performance for varying values of k.
- "Document Ranking": Performed data cleaning on a set of Spanish technical papers and implemented TF-IDF and Cosine Similarity for ranking them.
- "Applications of Lightweight Cryptography": Implemented efficient encryption algorithms to secure sensor data and provide a safe and secure pathway for data to be shared between the client and the server.
- "Cattle-O-Pedia": An IoT-based system that uses RFID sensors to monitor and track cattle. This project was selected for funding by the government of Karnataka, India through the incubator New Age Incubation Network (NAIN).
- "Project Tracking Database": Project tracking system created using Visual Basic and MS SQL to track the progress of student projects.

Work Experience

ANDROID APP DEVELOPMENT | JULY 8, 2018 – AUGUST 9, 2018 | INTERNSHIP
- This was an internship conducted by HP Enterprises Delivery Centre at Mangalore.
- Worked on a cloud-based Android application for a medical pharmacy that enabled clients to contact the pharmacist and book appointments.

OPTICAL ASSISTANT | SPECSAVERS, CORK | SEPTEMBER 13, 2021 – MARCH 25, 2023 | NON-TECHNICAL ROLE
- Worked as an optical assistant at Specsavers.
- Client-facing role: Underwent training from registered optometrists on the optical industry's technical know-how to assist the clients better. Regularly interact with clients to understand their requirements, handle their concerns and support them in sorting out issues.

SUPERVISOR | SPECSAVERS, CORK | MARCH 25, 2023 - | NON-TECHNICAL ROLE
- Currently working as a Supervisor at Specsavers.
- The role involves leading/ training new colleagues and ensuring smooth collaboration between the many departments at Specsavers.

Key Skills

TECHNICAL
- Languages: Python, Java, R, C, C++
- Databases: MySQL, MongoDB
- Web Development Languages/Frameworks: HTML, CSS, PHP, JavaScript, React, Node.js
- Version Control: Git
- Operating Systems: Windows, Linux, Android
- IDEs: Eclipse, IntelliJ, Visual Studio, Android Studio, PyCharm, RStudio
- Data Visualisation Tools: Tableau
- Design: Adobe Photoshop

MANAGEMENT AND LEADERSHIP
- Student Coordinator | Incridea'19 (Techno-cultural fest)
- Head of Documentation Committee | Incridea'19 (Techno-cultural fest)
- President | Grey Matter – College Quiz Club | 2017-2018
- Head of Social Media Committee | Incridea'18 (Techno-cultural fest)
- Member of Core Management Team | Incridea'18 – (Techno-cultural fest)
- Head of Social Media Committee | Anandotsava'17 (Cultural fest)
- Class Representative | 2016-2017

Extra-Curriculars/Achievements
- Avid quizzer. Regularly participated in intercollegiate quiz events.
- Was part of the college team for cultural and literary events at state-level cultural fests.
- Member of Writers' Committee for Tech Nidarshan'16 (Technical fest)