SIRANJEEVI MUTHUSAMY

MSC CLOUD COMPUTING STUDENT

Finglas, Co Dublin | Ph: 089 986 6383 | E-mail: siranjeevik21@gmail.com

LinkedIn: www.linkedin.com/in/siran28/ | **Portfolio**: https://siranstatus200.com

PROFILE

- Master's student at National College of Ireland, Dublin
- Over 2 years of experience as a Full Stack Developer at **Amazon.in**, has helped gain knowledge in web technologies and programming languages like ES6 JavaScript, jQuery, Java, Node.js and Express.JS. to create visually appealing responsive websites, gamified portals, enterprise web applications and RESTful APIs
- Directly engaged with diverse stakeholders and cross-functional teams within the company, including product managers and business leaders, communicated solutions, and aligned with business requirements
- **Availability & Visa Information:** Currently holding a **stamp 2 student visa**. Eligible to apply for the **1G Visa** under the Third Level Graduate Scheme in **October 2024** and will then be available to work full time

TECHNOLOGY SKILLS

- **Programming Languages**: HTML, CSS, JavaScript ES6, Java – MVC (Intermediate), React
- **Data Structures and Algorithms**
- **Design Patterns**
- **CMS:** Ghost
- **Cloud Services**: Proficient in **Amazon Web Services** with hands-on experience in services like EC2, S3, Lambda, SQS, SNS, Elastic Beanstalk, SageMaker, RDS, API Gateway, Route53 and AWS Code pipeline
- **DevOps**: Git, GitHub Actions
- **Database:** MySQL
- **AWS Certified Solutions Architect Associate -** R5Z0X43DBME41QS9

EDUCATION

2023 – Present | National College of Ireland, Dublin   **MSc Cloud Computing**
Modules: Cloud Architecture, Cloud Platform Programming, Cloud-DevOps-Security, Blockchain, Cloud Machine Learning, Scalable Cloud Programming

2015 – 2018 | Bharathiar University, India   **Bachelors in Computer Applications – CGPA 7.0**

WORK EXPERIENCE

Present | National College of Ireland   **Lab Assistant & Team Leader – Part time**

- Coordinated undergraduate and master's students with their practical sessions, classroom trainings and other course related activities
- Resolved technical issues encountered by students in lab sessions, always ensuring a smooth learning environment
- Led a summer program designed for 14-17-year-olds, focusing on early childhood learning. Guided students through a 7-day program, providing them with insights about college life and preparing them for future academic opportunities
- Facilitating learning activities that help students build strong relationship with the teachers and fellow students.

2021 – 2023 | Amazon   **Full Stack Web Developer**

- Developed and deployed web products like "**CAFE, AIM, ANDON CARD**" as a part of Amazon.in's widely used web suite called "**Galaxia**", adhering to best software development practices and coding standards
- Revamped "**CAFE: HR Engagement Tool**" within a 3-month tight deadline, improving the overall user experience, adding new features, refactoring old code, incorporating continuous development, and communicating user feedback to the product team
- As the first junior developer of the Automation team, led the development of an internal gamified employee idea portal called "**AIM**". This resulted in gaining broad approval throughout the Amazon Global network and set a new benchmark for the team. This has also increased the **Galaxia's** adoption globally across Amazon EU, NA and the Middle East
- Acted as a key contributor to the team by showing flexibility in supporting web products simultaneously
- Participated in code reviews and managed development tasks through ticketing system ensuring milestones were met on time.

2019 - 2021 | Amazon   **Customer Support Associate - Retail**

- Part of a specialized team "**SWAT**" which handles customer contacts from regions like NA, IN and EU. Met the needs of over 150-200 customers each day while maintaining higher levels of customer satisfaction
- Received positive feedback and accolades from customers and managers for providing exceptional customer service and for always achieving 90% positive feedback
- Facilitated the team in rotational shifts and contributed extra hours when needed, always maintaining the team's capacity above 95% and supported the company's operational goals
- Awarded as the "Employee of the Month" 2 times for continuously excelling in training and mentoring new agents. Trained the new agents on Amazon policies relevant to the retail industry. Achieved monthly employee targets regularly

P R O J E C T S

- **Algo-View –** A react application that allows visualizing JavaScript's data structures and algorithms – AlgoView | GitHub
- **Personal Portfolio –** Built and hosted a personal portfolio (react app) on AWS – Link | GitHub
- **Research Project (Masters) –** Submitted a Research Project on implementing Federated Learning for improving recovery in Autonomous Vehicles. Utilized CNN and FNN models.
- **Link Shortener (Masters) –** Developed a scalable URL Shortening application deployed in a two-tier architecture using AWS Elastic Beanstalk. This includes fully automated delivery pipeline using GitHub actions and Aws code pipeline - GitHub
- **Education Recommendation system (Masters) -** A hybrid learning materials recommendation model for students, leveraging both supervised learning for accurate topic prediction and unsupervised learning for content similarity
- **Inventory Management System (Masters) –** A JavaScript IMS application that supports real time updates of stocks and orders and generates low stock alerts using AWS event driven services like SNS, Lambda and SQS. This also includes detailed analysis of stocks and orders using Chartjs
- **Other -** GitHub