Avinash Lone

MSC Cloud Computing Student

Near NCI Dublin 2 | 0892208430 | lone.avinash22@gmail.com | https://www.linkedin.com/in/avinash-lone/

PROFILE

- A motivated cloud computing professional pursuing a Master's degree in cloud computing with a strong foundation in AWS Solutions Architecture and Red Hat Linux (RHCSA).
- Proven track record of designing, deploying, and optimizing secure and scalable cloud solutions using AWS services like EC2, S3.
- Committed to driving innovation through scalable cloud solutions and continuously expanding expertise to address modern business challenges.
- Seeking a challenging role to apply cloud and Linux expertise in a dynamic, growth-driven environment.
- **Availability & Visa Information:** Currently on Stamp 2 Visa, eligible to work 20 hours part-time during term and full-time from June to September 2025. Will be eligible for the 1G Visa in October 2025, allowing full-time work for 2 years without a permit.

TECHNICAL SKILLS

- **Programming Languages**: Proficient in Python and Java for cloud-based applications with a strong understanding of data structures and algorithms to optimize cloud services and solutions.
- **Web Development**: HTML and CSS for building visually appealing and responsive user interfaces in Django framework applications.
- **Red Hat Certified System Administrator (RHCSA):** expertise in essential system administration tasks for Red Hat Enterprise Linux, including installation, configuration, networking, security, and troubleshooting.
- **AWS Certified Solutions Architect - Associate:** validates skills in designing distributed systems on AWS, including knowledge of AWS services, architectural best practices, security, cost optimization, and deployment strategies

- **Certifications:**
  - AWS Certified Solutions Architect Associate 2024
  - Solutions Architecture Job Simulation By Forage
  - Red Hat Certified System Administrator (RHCSA)
  - Python 3.4.3 Training (IT Bombay Spoken Tutorial Project)
  - Data Structures and Algorithms Using Java (NPTEL)
  - Certification in Java Programming (NPTEl)
  - Barclays Life Skills Program (GTT Foundation)

EDUCATION

2024-Present | National College of Ireland   **MSc Cloud Computing**

Modules: Cloud Architectures, Cloud Platform Programming, Cloud DevOps Sec, Scalable Cloud Programming, Research in Computing, Fog and Edge Computing, Blockchain Concepts, Cloud Machine Learning, Data Governance, Compliance and Ethics, Research Project

2020-2024 |MET Bhujbal Knowledge City, Nashik   **BE (Computer Engineering)**

Modules: Cyber Security, Software Engineering, Web Technology, Object-Oriented Programming, Software Testing, Cloud Computing , Blockchain Technology, Machine learning , Deep Learning, Artificial Intelligence, Software Defined Network , DataBase Management Systems, Data Science and Big Data Analysis

Grade: 8.3 CGPA

2018-2020 |Sanjivani Junior College   **Higher Secondary Certificate**

Grade:70%

WORK EXPERIENCE

02.23-03.23 | Upstream   **Internship**
- Full-Stack Developer Intern at Upstream, engaged in a fast-paced internship, focusing on full-stack web development to build and deploy functional web applications. Designed and implemented a project on **"Gym Management System."**.
- The project encompasses a user-friendly web application that integrates both front-end and back-end functionalities. Users can easily register, access personalized workout plans, and track their fitness progress
- Worked with a diverse tech stack, including HTML, CSS, JavaScript, Bootstrap, Flask, Python, and MySQL, which provided hands-on experience in web development, database management, and server-side programming.

09.23-06.24|Undergraduate Project   **Independent Web Developer**
- Developed a web application, **"Automatic Question paper generation using Blooms Taxonomy,"** for generating question paper
- The project aims to leverage machine learning techniques to automate the process of generating question papers based on Bloom's Taxonomy.
- Bloom's Taxonomy classifies educational objectives into six levels, ranging from simple recall of facts to higher-order thinking skills like analysis and synthesis.
- Automating the question paper generation process using this taxonomy ensures that the questions align with the intended learning outcomes and cover a spectrum of cognitive skills.

INTERESTS AND ACHIEVEMENTS

Class Representative for the undergraduate course:
- Voted Class Representative for Undergraduate Course, which involved advocating for a class of 79 students.
- Voicing the opinions of the class at academic meetings and acting as a liaison between staff and students.

Food Committee Head in Undergraduate Course:
- **T**he Food Committee Head in a hostel oversees meal planning, budget management, and compliance with food safety standards while fostering teamwork among committee members to enhance dining experiences for residents.

Creative Core Committee member in undergraduate course:
- As a Creative Core Committee Member in my undergraduate program, I collaborated with peers to design and execute engaging events that fostered community spirit and encouraged creativity

Sports:
- Competed in volleyball and javelin throw at the collegiate level, showcasing teamwork, discipline, competitive spirit ,
- contributing to team dynamics and demonstrating leadership skills in high-pressure environments.

NSS (National Services Scheme):
- Actively participated in the NSS, involved in various social welfare activities such as cleaning villages and teaching in primary schools
- Successfully contributed to community development, promoting education and cleanliness in rural areas.

Treaking:
- Engaged in extensive trekking experiences, demonstrating adaptability, resilience, and leadership while developing strong planning and organizational skills