

# Sreehari Anukumar

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## Education

### Leeds Beckett University — Sept 2023 – Expected May 2027

- MEng in Computer Science (Accredited by BCS)

Core-Modules:

- Introduction to Computer programming (78%): Developed a fundamental understanding of Python, focusing on variables, loops, if statements, and basic object-oriented programming.
- Object-Oriented programming (81%): Developed skills in Java, focusing on core OOP concepts such as classes, objects, inheritance, polymorphism, to create efficient and reusable code.
- Computing Systems (83%): Gained a strong understanding of computing fundamentals, focusing on Linux-based systems. Worked with number systems, including binary and hexadecimal, and explored their applications in low-level programming and system design.

### Allerton High School — Sept 2021 – Sept 2023

- A-levels: Maths (A) | Further Maths (B) | Physics (C)

### GEMS Millennium School, Sharjah, UAE — Completed in 2021

- CBSE (Equivalent to GCSEs): Maths A1 (Equivalent to 9) | English A2 (Equivalent to 8) | Combined Science A1 (Equivalent to 9)

## Experience

### Head Teacher / Teaching Assistant, Code Camp UK — Sept 2024 – Present

Responsibilities Include:

- As a Head Teacher, delivered coding lesson plans to classes of approximately 25 students, ensuring activities were engaging to students and aligned with learning objectives.
- Managed class activities, facilitated fun and engaging practical exercises, and maintained a positive, interactive learning environment for kids.
- As a Teaching Assistant, provided one-on-one support to students struggling with problem-solving challenges.
- Monitored classroom behavior, addressing any misbehavior or disruptions to keep the learning environment focused and positive.

## Technical Skills

- **Programming Languages:** Python, C#, Java, HTML, CSS & JavaScript  
Experienced in Python, C#, and Java; comfortable with HTML, CSS, and JavaScript for full-stack web development.
- **Frameworks:** Flask, Django, ASP.NET Core, Windows Forms  
Built web apps using Flask and Django; familiar with ASP.NET Core for scalable web applications.

- **Operating Systems:** Windows, Linux, MacOS  
Experienced in using Windows, Linux, and macOS for development, testing, and deployment.
- **Databases:** SQL, NoSQL  
Experience with SQL (MySQL, SQL Server, Oracle SQL) and NoSQL (MongoDB) databases.
- **Cloud Platforms:** AWS, Azure, PythonAnywhere  
Practical experience deploying applications on PythonAnywhere; familiar with AWS and Azure for app deployment and management.
- **Development Tools:** Visual Studio, VS Code, PyCharm, IntelliJ, Office 365  
Proficient in using Visual Studio, VS Code, PyCharm, and IntelliJ for development; skilled with Office 365.
- **Hardware & Embedded Systems:** Raspberry Pi  
Developed embedded projects using Raspberry Pi, including infrared motion sensors that trigger alarms and traffic light simulations.

## Projects

### CV & Cover Letter Enhancement Tool — [GitHub](#)

- Developed a Django-based CV & Cover Letter enhancement tool that integrates the OpenAI API to provide personalized feedback and improve CV & Cover Letter content.
- **You can view the project [here](#)**

### Employee Management System — [GitHub](#)

- Developed an Employee Management System using Windows Forms in C#, with SQL Server integration and email notifications, leveraging OOP for efficient database management.

### Portfolio — [GitHub](#)

- Developed a web portfolio using Flask, showcasing technical projects and utilizing Flask for rendering.
- **You can view the portfolio [here](#)**