

MAYURAN SUNDAR

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PROFILE

First Class Honours graduate from the University of Surrey seeking a role in software development. Highly competent, technical, and analytical computer scientist with a passion for various technology. Enhanced leadership and teamwork qualities established within employment and university.

TECHNICAL SKILLS AND PROJECTS

Skills

Intermediate in Python

- Developed IPL Cricket match predictor in Python utilising machine learning algorithms as part of the final year project achieving 65% prediction accuracy
- Programmed a real time sign language translator that analyses signs and outputs audio aloud with an accuracy of 80%

Intermediate in web design (front & back end) and Git

- Designed a website for a fictional cycling club, ecommerce site for phones, forum for mental health, and a matching service for animal shelters.
- Utilised Git in all the projects throughout University and for personal game development.

Competent in Java, JavaScript and SQL

- Connected to the ClassicModels database and represented it using Java to solve a scenario
- Created mini projects such as calculator, chrome extension to save links, simple Blackjack and a few more
- Presented an EERD for a scenario and represented it using SQL

Familiar in Docker and PostgreSQL

- Developed a web application with microservice architecture using Ruby on Rails in Docker that utilised PostgreSQL

Beginner in React

- Learning React by creating mini projects

Beginner in Unreal Engine 5

- Development in progress for a 2.5D platformer game made using Unreal Engine 5

Personal Projects

Sep 21 - May 22

Final Year Project

- Improved and analysed different machine learning algorithms' prediction accuracy for the winner of an IPL cricket match
- Project was completed with minimal support throughout the pandemic period
- Consistently stayed ahead of deadlines during different stages of the project by scheduling tasks appropriately

Jun 21 - Now

Game Development

- Currently learning to use Unreal Engine 5 in order to design and deploy a 2.5D side scroller game
- Implemented innovative solutions to gameplay related problems that occurred throughout the development
- The core features, block out of first four levels and SFX have been developed and VFX is currently in development in order to provide an immersive and polished experience

EDUCATION

Sep 19 - July 22

University of Surrey, Guildford GU2 7XH

BSc Computer Science: Overall 1st

Sep 16 - Jun 18

Thomas More Catholic School, Purley CR8 2XP

A Levels:	Information Technology	DS*
	Business Studies	DS*
	Maths	B

Sep 14 - Jun 16

Thomas More Catholic School, Purley CR8 2XP

GCSEs: A*, 3A, 3B and 3C

WORK EXPERIENCE

Nov 16 - Mar 22

Currys Retail

- Part time Knowhow colleague/technician in charge of all technical repairs of software & hardware nature

- Responsibilities include supervising two cashiers, supervising and training new employees during Christmas period, solving all types of customer issues, and working behind the tills
- Collaborated with team members to ensure all targets including customer satisfaction were achieved in a timely manner, with over 63% of customer reviews rating me 9 or 10 out of 10

July 21 - Oct 21 **Day-To-Day Accounting**

- Marketed the company by developing a website along with designing posters and visiting cards

Mar 19 - Jun 19 **Private Maths Tutor**

- Tutored a student in GCSE Mathematics and contributed to the improvement in the student's maths grade from 5 to 8 through progress monitoring, practice assessments, appropriate homework and lesson structure

OTHER ACTIVITIES

Sep 10 - Jun 15	Captain of Cricket team
Jun 14 - Jul 15	Addiscombe Cricket club
Sep 11 - Jun 13	Chess club

Keeping up to date with latest technological advancements in the field of mobile phones, computer hardware and gaming consoles

In NCS, adapted to different situations and environments by being part of variety of activities including public speaking, organising a stand for the fundraiser as a team and competing in extracurricular activities
