

Sai Raghavan Commandur

B.Sc. Computer Science Student | Aspiring Full-Stack Web & SWE Developer

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SUMMARY

Computer Science undergraduate at the University of Surrey with a strong interest in scalable systems, full-stack development, and DevOps. Passionate about building user-centric applications using modern web technologies like JavaScript, Node.js, and cloud infrastructure platforms. Proven ability to design accessible, real-world solutions – including a social media app prototype for elderly users. Eager to contribute to impactful software engineering projects that drive innovation, accessibility, and outstanding customer experiences.

EXPERIENCE

Mathematics & Computer Science Tutor

Freelance

📅 10/2024 - Present 📍 Remote

- Designed and delivered tailored 1:1 lessons in Computer Science (Python, Java, algorithms, data structures) and Mathematics (algebra, calculus, statistics) for GCSE and A-Level students, leading to a 15% improvement in average grades.
- Developed visual learning resources and adapted teaching to individual styles, enhancing student confidence and performance.
- Taught **20+ students** across **100+ sessions**, with 75% securing placements at top schools.

Code Tutor

Code Ninjas

📅 09/2022 - 10/2023 📍 Reading, UK

- Taught programming fundamentals to **50+ students** aged 7–14 using Scratch, JavaScript, and HTML in a fun, game-based learning environment.
- Created engaging, age-appropriate modules and adapted delivery methods to suit varied learning paces.
- Led real-time debugging, code reviews, and pair programming activities, promoting best practices and collaboration.
- Boosted student project completion rates by **20%** through structured mentorship and interactive content.

Software Engineering Intern

Fujitsu

📅 11/2021 - 04/2022 📍 Hybrid

- Lead a team that developed a **social media prototype** using JavaScript and HTML/CSS for elderly users, integrating **voice command features** and **large-font interfaces** for accessibility.
- Built an **interactive AR/VR learning tool** using **Unity**, aimed at increasing academic engagement.
- Implemented AES encryption using **JavaScript** to secure sensitive app data, introducing cybersecurity principles into app development.
- Delivered final project presentations to senior Fujitsu staff and received top performance rankings in multiple challenges.

EDUCATION

Bachelors of Science in Computer Science [Expected 2028]

University of Surrey

📅 09/2024 - Present 📍 Guildford, UK

A - Levels | Maths, Physics, Computer Science

UTC Reading

📅 09/2021 - 09/2024 📍 Reading, UK

KEY ACHIEVEMENTS



Young Enterprise Launchpad Challenge Finalist

Ranked **2nd nationally** for a VR smart-glasses prototype presented at Google HQ, London.



Fujitsu Internship Top Performer

Led a team that consistently ranked in the top 3 for innovation, leadership, and collaboration.



Remote Teaching Excellence

Delivered over **100 sessions** to **20+ students**, raising performance from **C to A/A*** levels.



High Distinction Dissertation

Produced an **A*-graded** research project analyzing AI's ethical, economic, and educational impacts.

SKILLS

Technical Skills

Python

SQL

HTML

CSS

JavaScript

Git & GitHub

Unity

Professional Skills

Collaborative Teamwork

Time Management

Self-Motivated

Quick Learner

Clear Communication

Project Management

Adaptability

Critical Thinking

Problem Solving

Pair Programming

COURSES

The Complete Web Development Bootcamp – Udemy (In Progress)

Covers full-stack technologies including Node.js, MongoDB, REST APIs, and cloud deployment.