Sai Raghavan Commandur

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github.com/rxghavc Portfolio: raghavc.dev Maidenhead, UK

Education

University of Surrey September 2024 - Present

BSc Computer Science

Guildford, UK

- Predicted Degree Grade: First Class Honours
- Relevant Courses: Software Engineering, Data Structures & Algorithms, Web & Database Systems, Computer Logic, Programming Fundamentals, Operating Systems

Experience

Software Engineer Intern Aug 2025 – Present

TidalTasks

Remote, Canada

- Redesigned the TidalTasks homepage using **React.js**, refactoring **12**+ components and optimizing state management, improving page load speed by **25%** and increasing user engagement across **50**+ **active users**
- Achieved a 20% reduction in server load and improved system reliability through implementing a Python script to parse and remove
 150+ redundant API requests in the Firebase backend for per-user AI token tracking

Web Developer Jul 2025 – Present

Surrey Compsoc
 Delivered 7+ new website features used by 150+ society members by collaborating with committee members.

Guildford, UK

- Produced **Figma** prototypes for design reviews and reports built with **Microsoft Office** tools, reducing iteration time by **20%**.
- Code Tutor Sept 2022 Nov 2023

Code Niniae

Deading 11k

Code Ninjas

Reading, UK

- Achieved strong learner outcomes for 50+ students by delivering programming fundamentals (Scratch, JavaScript, HTML)
 through structured, clear, and client-oriented explanations.
- Improved project completion rates by 20% by leading real-time debugging and structured project reviews, demonstrating problem-solving and mentorship under tight deadlines.

Software Engineer Intern Nov 2022 – Apr 2023

Fujitsu

Reading, UK

- Ranked Top 3 out of 40+ interns by delivering impactful projects and presenting results to senior leadership, demonstrating technical excellence and communication skills.
- Increased engagement by 42% for a gamified educational platform by building immersive AR/VR learning experiences for lower school students.

Projects

GroupPot - Social Betting Platform | Website | Source Code

React | JavaScript | NodeJS | MongoDB Atlas

- Developed and deployed a full-stack group betting platform with 40+ beta users, featuring custom settlement logic
- · Utilized MongoDB Atlas for document storage, Node. is for a RESTful API backend, and ReactJS for the user interface

Budgetly - Finance Tracker | Source Code

React | JavaScript | PostgreSQL | Next.js

• **Led the development** of a budgeting app for **35+ university students**, using **React** for the user interface, **PostgreSQL** for secure, per-user data, and efficient data fetching with **RESTful APIs** through **Next.js**

Certifications

Oracle Cloud Infrastructure Foundations | LinkOct 2025Oracle Cloud Infrastructure AI Foundations | LinkOct 2025Databricks Fundamentals | LinkJun 2025

Technical Skills

Programming Languages: Python, JavaScript, HTML, CSS, SQL

Developer Tools: Docker, Figma, Jupyter Notebook, Linux, Postman, Git, GitHub, VS Code

Frameworks: ReactJS, PostgreSQL, NextJS, NodeJS