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   *Guildford, UK*
- Delivered **7+ new website features** used by **150+ society members** by collaborating with committee members.

Code Tutor   Sept 2022 - Nov 2023
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.js** 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 | *Link*   Oct 2025
Oracle Cloud Infrastructure AI Foundations | *Link*   Oct 2025
Databricks Fundamentals | *Link*   Jun 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