Priitivi Ravi

Contact

Ealing, London, England | 07783907455 | priitivi@gmail.com | www.priitivi.com | github.com/priitivi

Education

University of Warwick — Coventry, UK
Bachelor of Science in Computer Science — *Oct 2021 – Jun 2024*
- Dissertation (2:1): Predicting the Price of Bitcoin Using Machine Learning and Social Sentiment
- Technologies used: VADER sentiment analysis, LSTM models, Python

John Lyon School — Harrow, UK
A-Levels — *Sept 2018 – Jun 2020*
- Achieved: 3 A*s, 2 A's (Maths, Computer Science, EPQ, Physics, Further Maths)

John Lyon School — Harrow, UK
GCSEs / IGCSEs — *Sept 2015 – Jun 2018*
- Achieved: 7 A*s, 3 A's

Technical Skills

- **Languages:** JavaScript (ES6+), Python, CSS, HTML, C#, Java
- **Frontend:** React, TailwindCSS, Vite, Axios, Next.js
- **Backend:** Node.js, Express, Passport.js (Steam OpenID), JWT, REST APIs
- **Database/DevOps:** PostgreSQL, SQL, Docker, Railway, Vercel
- **Tools:** Git, GitHub, Jest, Supertest, Electron,

Projects

CS2Squad – Full-Stack Team Finder Web App — Jan 2025 – May 2025
- Designed and built a full-stack matchmaking platform for Counter-Strike 2 players.
- Implemented Steam authentication using Passport.js with JWT token system for secure sessions.
- Implemented backend unit tests using Jest and Supertest to validate authentication, team creation, and protected API routes.
- Developed the frontend with React + Tailwind
- Built a Node.js + Express backend connected to a PostgreSQL database (hosted via Railway).
- Deployed live on Vercel (frontend) and Railway (backend), with custom domain configuration and CORS/security best practices.

Predicting the Price of Bitcoin Using Machine Learning and Social Sentiment — Oct 2023 – Jun 2024
- Obtained and processed large datasets from Reddit API to analyse social sentiment trends.
- Implemented VADER sentiment analysis to gauge social sentiment.
- Utilised LSTM models for time-series prediction.
- Developed the project entirely in Python.

Ascot Lodge Website Development — Nov 2024 – Apr 2025
- Designed and developed a modern one-page website for a nursing home using React.
- Implemented smooth animations and an elegant UI to enhance user experience.
- Ensured accessibility and responsiveness across various devices.

Achievements

Developed multiple full-stack projects (e.g., CS2Squad) demonstrating a range of technical skills and ability to deliver real-world solutions.

Excellent time management and prioritisation abilities demonstrated through academic and personal projects.

Personal Attributes

Attributes: Strong communicator with the ability to translate technical concepts into layman's terms, Thrives on solving problems, both big and small, Highly ambitious self-starter with a drive to push both the business and personal growth to the next level