Priitivi Ravi

CONTACT

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EDUCATION

University of Warwick   Coventry, UK
Bachelor of Science in Computer Science; 2:2 (Second Class Lower Division)   *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: A*A*A*AA

John Lyon School   Harrow, UK
GCSEs/IGCSEs   *Sept 2015 – Jun 2018*
- Achieved: 9A* 2A

TECHNICAL SKILLS

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

PROJECTS

CS2Squad – Full-Stack Matchmaking 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.
- Developed a React + Tailwind frontend with profile management, team creation/invite features, and sleek UI/UX design.
- 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