Vinay Kirk Pal

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PROFILE

Computer Science Graduate focused on full-stack development and AI. Experienced building scalable apps using React, Spring Boot, and Flask. Seeking a graduate software role to grow as a developer in a collaborative team.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, SQL, Rust, C#, C++
Frameworks/Libraries: Spring Boot, Flask, Django, FastAPI, React, Node.js
Databases: Microsoft SQL Server, MySQL, MongoDB
Tools/Platforms: Docker, Azure, Git, GitHub Actions (CI/CD), REST APIs

PROJECTS

Online Notebook ([Repo](#)) – **TypeScript, Express, Tailwind, MongoDB, Docker**

- Developed a **full-stack note-taking app** with user authentication and **CRUD** capabilities
- Built **RESTful APIs** using **Express**; implemented session handling and secure storage
- Designed a responsive interface using **Tailwind** and containerised with **Docker**

FoodHub: Food Donation Platform ([Repo](#)) – **Java, Spring Boot, Microsoft SQL Server**

- Created a donation platform to connect users with local food banks
- Integrated **PayPal API** for donations and **Google Maps API** for food bank geolocation
- Led **Agile Sprints** and **daily stand-ups**, improving team coordination and delivery speed

Weather Prediction App ([Repo](#)) – **Python, Flask, Vue, Tailwind**

- Developed a web app that pulls real-time weather data via the **OpenWeatherMap API**
- Built a modular **Flask** back-end with clean API design and response interface with **Vue**
- Ensured smooth UX through efficient JSON handling and styled UI components

EDUCATION

Brunel University London | BSc Computer Science | 1st Class   Sep 2018 – Jul 2022
Key Modules: Artificial Intelligence, Cybersecurity, Network Computing

EXPERIENCE

Service Desk Analyst – Sona IT   Sep 2024 – Feb 2025

- Resolved **50+ support tickets weekly** involving **Windows** and **MacOS**
- Provided account support through **Office 365**, **Azure AD,** and **hardware deployment**
- **Optimised client onboarding** by automating device configuration processes

Data Analyst – Data Annotation   May 2024 – Sep 2024

- Trained **GPT-based models** using tailored prompts for **NLP tasks**
- Performed QA tasks by auditing other Data Analyst responses
- Evaluated **100+ model outputs per week** allowing for feedback and improved accuracy