Vinay Kirk Pal

London, United Kingdom | vinaypal5555@gmail.com | 07961957229 | LinkedIn | GitHub | Portfolio

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, SQL, C#, C++, PHP
Frameworks/Tools: Spring Boot, React.js, Node.js, Express.js, Django, Flask, FastAPI
Databases: SQL Server, MySQL, MongoDB, SQLite
Other: Azure, Office 365, Git, GitHub, Agile (Scrum, Kanban)

PROJECTS

Online Notebook (Repo) – **TypeScript, React.js, Express.js, MongoDB**

- Developed a **full-stack note-taking application** with a **React** front-end and **Express** back-end
- Implemented a **RESTful API** using Express to handle **CRUD** operations and session handling
- Utilised **MongoDB** via **Mongoose** for data modelling, storage, and dynamic note collections

FoodHub (Food Donation App) (Repo) – **Java, Spring Boot, SQL Server, JavaScript, HTML, CSS**

- Built and maintained a **full-stack Spring Boot application** to connect donors to food banks
- Utilised **PayPal API** to enable secure donations and **Google Maps API** to display the closest foodbanks
- Led **Agile Sprints** as **Sprint Leader**, optimising workflow and **reduced delivery time**

Weather Prediction App (Repo) – **Python, Flask, Vue.js, Tailwind CSS**

- Created a **weather-prediction application** that fetches data via the **OpenWeatherMap API**
- Developed a responsive and user-friendly interface through **Vue.js** and styled with **CSS**
- Structured a modular **Flask** back-end for **handling API requests** and **JSON** to the front-end

EDUCATION

Brunel University | BSc (Hons) Computer Science | 1st Class Honours   Sep 2018 – Jul 2022
London, United Kingdom
- Key Modules: Artificial Intelligence, Cybersecurity, Network Computing

EXPERIENCE

Service Desk Analyst – Sona IT   Sep 2024 – Feb 2025

- **Resolved 50+ support tickets per week** including **software troubleshooting Windows** and **Mac**
- Provided **account management** and support through **Office 365**, **Azure** and **Active Directory**
- **Optimised client onboarding** by deploying, configuring, and optimising devices

Data Analyst – Data Annotation   May 2024 – Sep 2024

- Trained **GPT-based AI models** using tailored prompts for **Natural Language Processing**
- Conducted **data labelling** and **prompt engineering** to ensure responses met quality standards
- Evaluated **100+ model outputs per week** allowing for feedback and therefore improve accuracy