PRABHAKAR KENNETH VEMAGIRI

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Experiences

Founder & Software Developer & AI Focused Data Scientist
Aug 2025 - Present, Zenith Tech Ltd, UK

- **Built and deployed** scalable web and SaaS products, owning full-stack development, design-led ("vibe-coded") interfaces, cloud hosting, and production releases.
- **Integrated AI, machine learning, and data processing workflows** into web applications, reducing manual data handling and improving **workflow efficiency by up to 30%**.
- **Delivered data-driven insights** by designing analytical pipelines that transformed complex datasets into **actionable outputs** supporting product and operational decisions.

Projects

MedWorkflow.co.uk

- Building an **AI-powered healthcare workflow platform** to integrate AI into clinical operations, reducing **administrative and paperwork overhead by up to 30%**.
- Designed systems that enable healthcare teams to **spend more time on patient care** by automating routine documentation and operational workflows.
- Developing scalable, compliance-aware digital solutions to improve **care delivery efficiency across clinical departments**.

ThePronto.online

- Built an **AI prompt enhancement platform** that helps users optimize and structure prompts for improved performance across **multiple AI models and workflows**.
- Designed intelligent prompt-refinement logic to enable users to **integrate AI more effectively** into everyday tasks and professional use cases.
- Developed and deployed the platform as a **scalable web application**, focusing on usability, performance, and real-world AI adoption.

AI-Driven Operational Insights Dashboard

- **Designed an end-to-end analytical framework** to identify workflow bottlenecks and operational inefficiencies using real-world business data.
- Defined data requirements, KPIs, and analysis methodology for **reducing administrative overhead by up to 30%**.
- **Currently prototyping the analysis and in-app dashboard**, focusing on data cleaning, exploratory analysis, and stakeholder-ready visualisations.

Education

MSc in Artificial Intelligence Sep 2023 - Oct 2024 University of East London London, UK

Bachelor's in Computer Science Jun 2017 - May 2021 University of Gandhi Institute of Technology and Management Vishakapatanam, India.

Additional Experience (Selected)

Data Analyst — Master's Placement Programme 2023/2024
- Supported analytical tasks including **data preparation, validation, KPI reporting, and insight generation**, strengthening practical **SQL, Excel, and analytical problem-solving skills**.

Skills

Programming Languages : Python, CSS, JS, HTML, R.

Tools : Pandas, NumPy, Matplotlib, Power BI, Tableau, SQL, Jupyter Notebook, AWS, Azure, SAS, Apache, Excel.

Technical Skills : Data Visualisation, Data Cleaning, Data Preparation, SQL, ETL, Analytics, Cloud Data Processing.