

Prem Kumar G

📍 Bengaluru, India ✉ premkumarmvks@gmail.com ☎ +91 9538507538 🌐 in/premgowda98 📁 portfolio.premgowda.in

SUMMARY

Software Engineer with 2.5 years of experience, specialising in back-end development, DevOps, and AI. Proficient in utilising Docker for efficient deployments, implementing robust back-end systems. Recognised for my ability to independently manage complex projects and my dedication to driving innovation.

EXPERIENCE

Software Engineer | Insight Consultants | Bengaluru, KA | January 2023 – Present

- Spearheaded development of a comprehensive ID verification product, integrating document verification, facial recognition, and bank statement analysis. Enhanced fraud detection and operational efficiency, reducing manual processing time by 60%.
- Implemented frontend modernisation, migrating from Vanilla JS/CSS to Vue.js and Nuxt.js, for improved performance.
- Led DevOps efforts, implementing a CI/CD pipeline with Azure Pipelines, reducing deployment time and enhancing team efficiency.
- Played a crucial role in product launch and client acquisition, securing the first paying customer within the initial release phase.
- Engineered a RAG model, enabling leadership to extract actionable insights from employee surveys via LLM-powered chat.

Finance Engineer | Insight Consultants | Benagaluru, KA | March 2022 – January 2023

- Developed an automated underwriting tool, reducing loan verification time by 90% and FPD rates from 25% to 16%.
- Engineered a data pipeline for web scraping, database connectivity, and PDF processing to analyse bank statement transactions.
- Created a Machine Learning Classification model with 85% accuracy to auto-segregate bank statements, reducing manual verification time.
- Designed a Power Automate workflow to consolidate data from multiple Excel files into a SharePoint list, enhancing accessibility for a client's Tableau dashboard.

SKILLS

Front End: HTML, CSS, Vue.js, Nuxt.js | **Back End:** Python, FastAPI, Go (Novice), RDBMS | **DevOps:** Docker, Linux, CI/CD, Ansible, Azure, Nginx | **AI/ML:** Machine Learning, GenAI, RAG | **Networking:** DNS, TCP/IP, OSI Model | **BI:** Power BI, Tableau

PROJECTS

Multi-purpose Home Server: From Ad Blocking to Kubernetes Cluster | March 24

- Designed a home network infrastructure with Raspberry Pi, Pi-hole for ad blocking, and MotionEye OS for CCTV surveillance.
- Set up personal Kubernetes cluster and used remote access solutions using Twingate and Cloudflare tunnels.

Personal Finance and Tech Blogs Aggregator | December 23

- Built a custom personal finance tracking and analysis website, and a tech blog aggregator with API integration skills.
- Integrated Gemini LLM for blog summarization in order to enhance content consumption efficiency.

Streak Stalker Bot | October 23

- Created a Python-based Discord bot for a coding challenge management system, securing 3rd place in a competition.
- Integrated daily notifications and scheduled input collection, enhancing user engagement and overall project functionality.

EDUCATION

Bachelor of Mechanical Engineering | Global Academy of Technology | Bengaluru, KA | 2019 | 8.3

CERTIFICATIONS

Introduction to Neo4j | Neo4j Graph Academy | 2024

Backend and Database Engineering | Udemy | 2024

Microsoft Azure Associate Data Scientist | Microsoft | 2023