

AMAN VARYANI

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PROFESSIONAL EXPERIENCE

Superwin, Bengaluru Software Engineer

Mar 2022 – Present

- Integrated HubSpot and Salesforce CRM systems, streamlining data exchange to enable real-time insights and enhance cross-platform visibility, resulting in a 25% increase in sales productivity.
- Developed and implemented an external **Docker** service that generates document thumbnails, slashing listing page response time by **40%** and enhancing user experience.
- Optimized Django application performance by implementing **caching**, filters, **cron jobs**, and **cloud task queues** resulting in a 40% reduction in page load time and a **25%** increase in overall system responsiveness.
- Created a cutting-edge summarization feature using **Langchain** and **OpenAI** frameworks; revolutionized document processing by enabling users to **generate concise summaries** across sections, driving a 30% increase in productivity and streamlining decision-making.
- Implemented **master-slave** database architecture on **Compute Engine** improving read query performance by 20%, and migrated from Cloud SQL to self-hosted **Postgres** on Compute Engine reducing daily database hosting costs by over 60%.

Mountblue Technologies, Bengaluru Software Engineer

Oct 2020 – Feb 2022

- Created reusable **class-based views**, models, and serializers accelerating development by 30% and improving code maintainability.
- Integrated Django with React frontends using **Django REST framework** for smooth data flow.
- Collaborated with the frontend team to implement **JWT** authentication flow for seamless user login across the stack. Shared authorized user data through protected API endpoints.

SKILLS

Language: Python, C++

Framework: Django, Langchain

Cloud Platform: GCP

Familiar: Html, React, CSS, Javascript, Postgres, ChromaDB, Git, Redis

PROJECTS

- Developed an open-source natural language processing system enabling users to ask a question from URLs, youtube transcripts and documents etc. Built with open-source technologies **LangChain**, **GPT4All**, **OpenAI**, Chroma and SentenceTransformers; leveraged LLMs for private document summarization and question answering.

EDUCATION

Parul University

Mar 2016 – Jun 2020

Bachelor of Technology, Computer Science and Engineering

CODING PROFILE

- [Leetcode](#): Problem Solved 1000+
- Google Kick Start (Highest Rank): 1500