Nisarg Patel

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WORK EXPERIENCE

BLiNKAI Automotive   **Remote**
AI Engineer   *July'2024 – Current*
- Developed and optimized the infrastructure for a **conversation IVR** system powered by an **LLM agent**, migrating the system from **OpenAI** to **Groq** and also implemented **WebSockets** with **Twilio**, achieving a **40-50% reduction in latency**.

Sanghvi Info Tech   **Remote**
Data-Driven Software Engineer   *May'2024 – Current*
- Co-developed ***ZApp***, a mobile app for analyzing business networking servers, handling both infrastructure and development with React Native.
- Collaborated with **cross-functional teams** to align technical solutions with business goals.

Manulife   **Toronto, CA**
Data Governance Analyst   *May'2023 – Aug'2023*
- **Engineered a comprehensive dashboard** using **Power BI** to track key performance indicators (**KPIs**) for a Microsoft product, enhancing **compliance oversight** catering to executives (AVPs, VPs) and higher-ups.
- Streamlined internal processes by implementing **automation solutions** using **SharePoint**, **Power BI**, **Power Automate**, and **Jira**.
- Enhanced **cross-functional communication** by translating complex data concepts for diverse organizational levels, supporting better **data-driven decision-making**.

Data Science Engineer   *Sep'2022 – Dec'2022*
- Designed and implemented data pipelines with **Azure Data Factory**, **Python**, and **SQL Server**, enhancing **business activity** monitoring and supporting strategic insights and analytics.
- Developed and refined **Power BI dashboards**, optimized **ETL processes**, and operationalized an enterprise feedback loop using **ADLS**, **Databricks**, and **PowerApps**, improving visualization and **task efficiency**.

Vista   **Windsor, CA**
Software Engineer   *Jan'2022 - Apr'2022*
- Developed **full-stack applications** with **Angular, .NET Web API, and MySQL**, streamlining production management tasks and improving accountability.
- Enhanced development cycles and quality assurance by facilitating **Scrum adoption**, including **Jira board management** and daily stand-up meetings.

Arastu Systems   **Gujarat. India**
Software Engineer   *July' 2020 - Nov'2020*

- Contributed to **Django project development** by adapting the **Angular front-end** and adding **Python** back-end functionality, while participating in **Agile, Scrum-based teamwork**.

EDUCATION

University of Windsor   **Windsor, Ontario**
Bachelor's in Computer Science (Hons.) – Specialization in AI – Minor in Math

SKILLS & INTERESTS

Programming & Frameworks: Python, JavaScript (Node.js, Angular, React, React-Native, Next.js), SQL

Database Management: MySQL, Mango DB, Prisma, Pinecone

Cloud Services & DevOps: Azure Cloud Services, AWS Services, GitHub, Databricks, Hugging Face

Project Management & BI Tools: Power BI, PowerApps, SharePoint, Power Automate, Agile & Scrum, Jira

PROJECTS

Portfolio Website   Live Site | GitHub
Compilation of all my project.