SHASHANK PATGAONKAR

Software Development Engineer | GenAI | Full-Stack Developer

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PROFESSIONAL SUMMARY

Software Development Engineer with 2+ years of experience building scalable web and mobile applications using C#, Angular, Flutter, and SQL Server. Currently working at Swabhav Venturelabs with hands-on experience in GenAI development, designing LLM-powered workflows using LangChain, LangGraph, RAG based system and MCP. Strong foundation in data structures, OOP, REST APIs, and delivering production-grade applications in agile environments.

SKILLS:

- Programming Languages: C#, Python, Dart, JavaScript, C/C++, SQL
- Frontend: Angular, HTML5, CSS3, Flutter
- Backend & APIs: RESTful APIs, SQL Server, MySQL
- GenAI & AI: LangChain, LangGraph, MCP, Prompt Engineering, Vertex AI, Vector DB, RAG
- Tools & Platforms: Git, Postman, Firebase, Agile/Scrum
- Core CS Concepts: Data Structures, OOP, DBMS, Logical Problem Solving

WORK EXPERIENCE

Software Development Engineer
Swabhav Venturelabs, Mumbai
August 2023 – Present

- Designed and worked on enterprise-grade web and mobile applications using C#, Angular, and Flutter for production use.
- Worked on BTL Agraeta, a large-scale sales enablement platform connecting internal stakeholders and field sales teams. Connected 150+ companies with system using our app.
- Built and maintained RESTful APIs supporting real-time sales, demand, and supply workflows.
- Planned database schemas and optimized SQL queries, improving performance and scalability.
- Contributed as a GenAI Developer, building LLM-based workflows using LangChain, LangGraph, and MCP.
- Collaborated with cross-functional teams in Agile sprint-based development, delivering features within timelines.

PROJECTS

BTL Agraeta (Production Project)
- Web and mobile platform enabling direct interaction between company 150+ stakeholders and 20+ salespersons.
- Implemented features such as sales tracking, demand-supply reporting, and role-based access control.
- Tech Stack: C#, Angular, Flutter, SQL Server

RevenuAI – Nexcels
- Developed a company-based AI chatbot capable of understanding and analyzing unstructured documents and files. Analysis is done over 200+ files at a time with semantic search system.
- Generated predictive insights by analyzing customer and sales data to improve sales and marketing efficiency.
- Tech Stack: Python, Angular, Firebase, Vertex AI, LangChain

High Frequency Stock Market Forecasting (Academic Project)
- Built time-series forecasting models to analyze stock price movements.
- Focused on predictive modeling and data-driven decision making.
- Tech Stack: Python, Machine Learning

EDUCATION

- **B.Tech in Computer Science & Engineering**
  TKIET, Warananagar | 2019 – 2023