ASHRAY V B

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ABOUT ME

Computer Science undergraduate with hands-on experience building production-grade AI and full-stack applications at Bosch. Skilled in LLM-based systems, FastAPI backends, and modern frontend frameworks. Passionate about applying generative AI to real-world enterprise problems.

EDUCATION

Bachelor of Engineering, Computer Science   2023 – Present
B N M Institute of Technology, Bengaluru   CGPA: 7.34

Diploma, Computer Science   2020 – 2023
Shree Vidyadhiraj Polytechnic, Kumta   CGPA: 9.06

EXPERIENCE

Intern   Aug 2025 – Jan 2026
Bosch Limited, Adugodi, Bengaluru

- Led frontend development for AI-powered internal tools, including an LLM-based slide generation platform.
- Built scalable Vue.js and React applications and integrated FastAPI services with LLM APIs (Gemini 2.5, GPT-4.5).
- Implemented PPTX export, dynamic charts, and data-driven visualizations for enterprise workflows.

PROJECTS

LISA – LLM-powered Intelligent Slide Assistant *(Bosch Limited)*
Technologies: Vue.js, Python, FastAPI, LLM Farm (Gemini 2.5, GPT-4.5)

- Developed an enterprise-grade GenAI system that converts structured inputs into branded PowerPoint presentations.
- Integrated Bosch-compliant templates and implemented PPTX export with dynamic charts using `pptxgenjs`.

AI Synapse Architect – Draw.io Diagram Generator *(Bosch Limited)*
Technologies: React, TypeScript, Python, FastAPI

- Built an AI-driven web tool to generate Draw.io network diagrams from validated JSON schemas.
- Implemented asynchronous FastAPI services with real-time frontend validation for reliable diagram generation.

NutriTrack (GitHub)
Technologies: MongoDB, Express.js, React, Node.js

- Developed a full-stack nutrition tracking platform delivering real-time dietary insights and personalized recommendations.

SKILLS

Languages	Python, JavaScript, TypeScript
Frontend	React.js, Vue.js, HTML, CSS
Backend	FastAPI, REST APIs, NodeJS, ExpressJS
Databases	MySQL, MongoDB, ChromaDB
Tools	Git, GitHub, Docker, Jenkins, Kubernetes