

LOKESH SHELVA P S

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EDUCATION

National Institute of Technology, Puducherry	2019 - 2023
Bachelor of Technology (Computer Science and Engineering)	CGPA: 9.21
Coursework: Data Structures & Algorithms, DBMS, Networks, OS, OOPs, Distributed Systems.	

SKILLS

Languages	Python, Javascript, HTML, CSS
Databases	MySQL, Firestore, Firebase Realtime DB, MongoDB
Frameworks	React, Svelte, Angular, Flutter, Flask, FastAPI, ExpressJs
Technologies	Docker, Firebase, Azure, Windows, Azure DevOps

ACHIEVEMENTS

- Patented LLM based flow for extracting insights from structured data
- Received Raising star award for consistent deliveries and Innovation Trailblazer award for demonstrating remarkable innovative competencies and a pioneer in driving innovation.

EXPERIENCE

ABB	Jul 2023 - Present
Software Engineer	<i>Python, Angular, LLM, MsSQL, DevOps, K8s Bangalore</i>

- Led the end-to-end development of "Genix Copilot," a flagship Generative AI application, delivering real-time data insights and automating user actions.
- Conceptualized, designed, and spearheaded the implementation of "Copilot Foundation," a scalable platform for building industrial-grade AI copilots and LLM-based applications.
- Conceptualized, designed, and spearheaded the implementation of "Copilot Foundation," a scalable platform for building industrial-grade AI copilots and LLM-based applications.
- Played a key role in the development of "MMA Copilot," an advanced Agentic RAG system, by providing expert guidance and support for its construction and integration with "Copilot Foundation."

ABB	Jan 2023 - May 2023
Software Engineer Intern	<i>.Net, C#, Angular, DevOps Bangalore</i>

- Contributed to the development of the OLM (Opportunity Loss Manager) application using .NET and Angular, implementing key features and enhancements to improve application functionality.
- Designed and implemented a reusable backend component that abstracts database interactions for multiple systems, streamlining data access across applications, including OLM.
- Setup the CI/CD pipeline for the application, including containerization and deployment of the entire application, resulting in faster and more reliable software releases.

Neso Academy	May 2022 - Jul 2022
Software Developer Intern	<i>React, Firebase Remote</i>

- Implemented key features on the Neso Academy website using React and Firebase, including enhancements to the video player.
- Enhanced the performance of the PDF viewer on the website, which became a highly used feature.

PROJECTS

QwikAsk QwikAsk is apple's splotlight / microsoft's powertoys run for AI chat. It allows for quick chats with LLM from anywhere in the system.([Github Link](#))