

# 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

<b>Languages</b>	Python, Javascript, HTML, CSS
<b>Databases</b>	MySQL, Firestore, Firebase Realtime DB, MongoDB
<b>Frameworks</b>	React, Svelte, Angular, Flutter, Flask, FastAPI, ExpressJs
<b>Technologies</b>	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 *Python, Angular, LLM, MsSQL, DevOps, K8s | Bangalore*

- 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 *.Net, C#, Angular, DevOps | Bangalore*

- 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 *React, Firebase | Remote*

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