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# Vikash Khanna V

## Software Engineer 2

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Bengaluru, India

[LinkedIn](#) | [Github](#) | [Portfolio](#)

## PROFILE SUMMARY

As a **Full Stack Developer** with close to **4 years of experience**, I specialize in **Angular, NestJS, Python, SQL, and ASP.NETCore**. I have built scalable applications and managed **multiple environments**. Skilled in **Agile methodologies, debugging, and code reviews**, I ensure high-quality solutions. With growing **React expertise**, I excel in seamless **frontend-backend integration**, client collaboration, and delivering efficient, scalable applications.

## EXPERIENCE

### Software Engineer 2, Illumina

Oct 2024 - PRESENT

#### Formulation Scheduling :

- Designed and developed a web application from scratch using **Angular, NestJS, and PostgreSQL**, replacing a complex Excel-based workflow for **formulation scheduling**, a critical process in DNA sequencing.
- Integrated **Snowflake** to fetch real-time data, enhancing accuracy and decision-making in production scheduling.
- Implemented authentication following **ABC's security standards**, ensuring secure and role-based access control.
- Streamlined **data management and process efficiency**, significantly improving workflow automation compared to the previous manual Excel-based system.

#### MEDAL:

- Contributed to multiple pages of the **MEDAL** application, originally built using **Streamlit and Python**, improving functionality and usability.
- Leading the **migration** of the entire application to **Angular, NestJS, PostgreSQL, and Snowflake**, aligning it with the company's unified tech stack.
- Refactoring complex business logic to enhance **performance, scalability, and maintainability** in the new architecture.

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## Software Engineer, Accenture

Dec 2021 - Sept 2024

### Lean Production Platform (LPP):

- Developed and maintained **LPP**, a cloud-based business process management tool, using **ASP.NET, Angular, and SQL**, ensuring high performance and user satisfaction.
- Optimized system functionality by integrating **RESTful APIs**, improving communication and data exchange for enhanced performance.
- Led **bug resolution and code reviews**, ensuring software quality, adherence to best practices, and seamless application functionality.
- Implemented **Agile Scrum methodologies** throughout the SDLC, fostering efficient project management, continuous improvement, and timely delivery of software solutions.

## SKILLS

- **Programming languages:** JavaScript, Typescript, Python, C#
- **Frameworks:** Angular, Nest JS, Streamlit, ASP.NETCore
- **Databases Systems:** Snowflake, PostgreSQL, Microsoft SQL Server
- **Operating Systems:** Windows
- **Cloud platforms:** Azure
- **Agile methodologies:** Scrum
- **Tools:** Visual Studio Code, Postman, GIT, JIRA
- **Soft Skills:** Fast learner, Problem solver, Time Management, Teamwork and Collaboration

## EDUCATION

### Bachelor of Engineering – Computer Science & Engineering

2017 - 2021

A.M.C Engineering College

CGPA - 8.13