Sarvesh Vivek Shelgaonkar

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EDUCATION

Pune Institute of Computer Technology, Pune   Nov 2022 – May 2026
B.E. in Computer Engineering - SGPA: 9.43

SKILLS

Languages:	C, C++, HTML/CSS, JavaScript
Frameworks:	React.js, Tailwind CSS, Redux, Bootstrap
Backend:	Express, Node.js
Other:	MongoDB, MySQL, Firebase, AWS (Basics), Docker, Git/GitHub, Postman

EXPERIENCE

Intern, PICT   Jan 2024 – March 2024
Frontend Developer   [GitHub](#)

- Built a user-friendly frontend for Library Management System using **React.js** & **Bootstrap**.
- Implemented dynamic UI components for **book search**, **borrowing history**, and **user management**.
- **Optimized frontend performance** and accessibility to ensure a seamless user experience.
- Integrated **API** endpoints for real-time data retrieval and display.

PROJECTS

PrimeEstate Solutions (MongoDB, Express.js, React, Node.js, Tailwind, Firebase)   [Live Link](#)

- Developed a full-stack **MERN** app for property listings management.
- Implemented secure **authentication** using **JWT**, **Firebase**, and **Google OAuth**.
- Designed **CRUD operations** for property listings with **advanced search** and image upload.

AI-Powered SQL Query Generator (React, Node.js, FastAPI, Azure)   [GitHub](#)

- Built **AI-Powered SQL Assistant** using **React**, **Node.js**, **FastAPI**, and **CodeLlama**, enabling natural language to SQL conversion.
- Enhanced query accuracy by **85%** with **schema awareness**, supporting **MySQL**, **Trino**, and **Spark SQL**.
- Optimized query generation (**12.5s**) and schema retrieval (**25.8s**), deployed on **Azure VM** with scalable hosting on **Aiven**.

ACHIEVEMENTS

- Secured **Top 50** in National Yoga, **2nd** place in Abacus, and **Top 3** in District Chess.
- Solved over **250+** quality problems on platforms such as [GeeksForGeeks](#), [Leetcode](#), [Codechef](#), [TUF](#).
- **Graduated** from **International Mental Arithmetic program** (Abacus skills).
- Competed among **500 participants** in **SparkTank-Ideathon**.
- Secured **Top 3** position at **Impetus & Concepts '25**, an international tech event at **PICT**.
- Secured **Top 5** rank among **1100+** teams in **Inspiron 4.0 National Hackathon**.

POSITIONS HELD & CERTIFICATIONS

Event Organizer, PICT

- As **Marketing Head** of PASC, boosted event attendance by **40%** and CSI club attendance by **30%** through strategic marketing initiatives, reaching **10,000+** through Eklavya Street Play.
- Led social initiatives: NSS event (**1500+** volunteers) and women's safety campaign (**100+** outreach).
- Earned certifications in **DSA**, **ADSA**, **C++**, **C**, and **Java**, enhancing technical expertise.