

SAGAR SADRE

ASSOCIATE SOLUTION ARCHITECT

New Sangvi , Pune | sagarsadare1@gmail.com | +91 7709857575

SUMMARY

Associate solution architect with over 7 years of hands-on experience designing and delivering robust business solutions using the MEAN stack (MongoDB, Express.js, Angular, Node.js) for the manufacturing and engineering sector. Recognized for proven project leadership, cross-functional collaboration, and consistent delivery of user-focused applications at Miba Group, Mobantica Solutions, Cubois Technologies, and Tinfosystem.

TECHNICAL SKILLS

- Angular
- Node.js
- MongoDB
- Microsoft Azure
- Express.js
- Bootstrap
- Css
- RESTful APIs
- MySQL
- Git
- Bitbucket
- Tailwind CSS
- Requirement gathering
- Database designing
- Docker
- CI/CD pipelines

PROFESSIONAL EXPERIENCE

Miba Group, Pune, MH

Sr.Full Stack Developer | October 2021 - Present

- Lead the engineering team in gathering, analyzing, and refining customer requirements for innovative bearing solutions.
- Collaborate with UI/UX designers and cross-functional stakeholders to convert business needs into practical, user-centric software solutions.
- Oversee and contribute to the complete software development lifecycle using the MEAN stack.
- Independently design, develop, and deploy robust web applications tailored for the bearing division.
- Drive code quality, conduct code reviews, and ensure effective use of version control and CI/CD pipelines.
- Mentor junior developers and support knowledge sharing within the team.

Key Projects:

- Wind Design Tool: Developed a comprehensive web app for wind turbine bearing feasibility studies, automating PowerPoint report generation to support product development decisions.
- Mibus (Miba Industrial Bearing US Calculator): Modernized a legacy bearing performance application (since 1998), ensuring usability for new users and preserving critical engineering knowledge.
- Bearing Shared Database: Architected and implemented a centralized solution for sharing bearing data across teams and applications, significantly improving data accessibility and collaboration.
- Developed A Miba PBI Automation System (MPAS), an AI-powered MEAN stack application that automates and streamlines the creation of structured Azure DevOps backlog items using conversational input, document intelligence, and GPT-based models.
- Developed MBM Recycling Tool, a MEAN stack application that optimizes material production by calculating precise batch compositions from available scrap while ensuring strict chemical tolerance compliance.
- Developed GLZ, a MEAN stack application that executes complex engineering calculations via a secure external processor, generating detailed reports and integrating with Azure for authentication and report management.

Mobantica Solutions Pvt. Ltd., Pune**Full Stack Developer | July 2020 – October 2021**

- Designed and delivered Angular-based applications from scratch, managing all stages of the project lifecycle.
- Built and deployed mobile application backends using Node.js.
- Led architecture design and contributed to robust database and API structure.
- Developed and integrated end-to-end UI for administrative panels.
- Presented product demos to clients and incorporated feedback.

Key Projects:

- Any.Repair (Mar 2021 – Oct 2021): Full architecture and admin UI development, API integration, codebase maintenance, and client engagement.
- Number.Market (Jul 2020 – Mar 2021): Architected the project, developed complete UI, implemented chat functionality, supported backend integration, and client communications.

Cubois Technologies Pvt. Ltd., Pune**Software Developer | July 2019 – July 2020**

- Developed and maintained multiple ERP system modules using Angular and Node.js.
- Designed critical features such as Dashboard and Master Database Maintenance modules.
- Authored REST APIs and contributed to both frontend and backend enhancements.

Key Project:

- ERP System (Jul 2019 – Jul 2020): Led front- and backend module development, database design, API writing, and mentoring interns.

Tinfosystem, Pune**Software Developer Intern | Jan 2019 – July 2019**

- Built and maintained a database management application for ERP systems.
- Developed multiple screens for the Medipad.in project.

Key Projects:

- Medipad.in (Jan 2019 – Jul 2019): Developed both frontend and backend (Angular, Node.js) for the Medical Representative Module and database management.
- Recipe Book (Dec 2018 – Jan 2019): Created an Angular 8-based recipe management app for adding, viewing, and deleting recipes and ingredients.

EDUCATION**Master of Computer Science (M.C.S.)****Aug 2016 - Oct 2019**

- Pune University
- CGPA 8.4

CERTIFICATIONS

- Node.js (Udemy)
- Intermediate Certificate in Drawing Examination
- Meta Certification: Version Control
- Meta Certification: Programming with JavaScript
- Meta Certification: HTML and CSS In-Depth

ACHIEVEMENTS & ADDITIONAL DETAILS

- Got promoted two times now working as Associate solution architect
- Top Performance Award at Miba Group (2023, 2024)
- Built first AI powered application in Miba (Miba Pbi Automation system)

- **Languages:** English, Hindi, Marathi
- Three state-level medals and national participation as an NCC cadet
- Best CIP idea award 2025
- NCC “C” Certificate with “A” Grade