POOJA BERA

Senior Software Engineer | Technical Lead

Delivering Scalable Full-Stack Solutions with Expertise in Angular, Python, and Cloud Platforms

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Core Competencies

- *Full-Stack Application Development*
- *Scalable & Reusable Code Design*
- *UI Development & Angular Framework*
- *Backend Development (Python Flask, REST APIs)*
- *Microservices Architecture & API Integration*
- *Cloud Platforms & DevOps (Azure CI/CD)*
- *Team Leadership & Mentoring*
- *Cross-Functional Collaboration*
- *Requirement Analysis & POC Development*
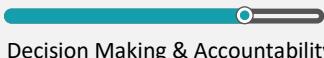- *Timely Delivery & Project Execution*

Education

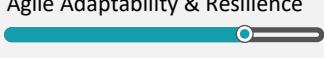- **Bachelor of Engineering (B.E.) in Information Technology** – University of Mumbai, India (2016)
- **Diploma in Information Technology** – Mumbai University, India (2013)

Soft Skills

Thoughtful Leadership

Decision Making & Accountability

Agile Adaptability & Resilience

Strategic Planning

Personal Details

- **Date of Birth:** 26th September 1994
- **Languages:** English, Hindi, Marathi, Bengali
- **Current Location:** Mumbai

Profile Summary

- **Accomplished Technical Lead** with over 9 years of experience delivering **end-to-end full-stack solutions**, specializing in Angular (2–19), Angular Material, Python (Flask APIs), RESTful APIs, microservices, and SQL/PLSQL across **healthcare, banking, and e-commerce domains**.

- Proficient in designing and implementing **responsive, high-performance UI architectures**, leveraging Angular state management, modular components, and advanced material design patterns to optimize **frontend performance and maintainability**.

- Deep expertise in **architecting and integrating backend services** using Python (Flask), and microservices, enabling secure, scalable, and efficient APIs, and deployed applications via **Azure DevOps CI/CD pipelines**.

- Skilled in **requirement analysis, POC development, and cross-functional collaboration**, translating complex business needs into robust technical solutions aligned with organizational goals.

- Recognized for **technical ownership, problem-solving, delivering measurable impact**, consistently enhancing system performance, optimizing workflows, and mentoring teams to achieve excellence.

Technical Skills

Programming & Scripting	Python 3.11 (Flask), TypeScript, JavaScript, SQL, PL/SQL, HTML5, CSS3, Bootstrap
Frontend Development	Angular 2/4/6/14/17/19, Angular Material, Redux, RxJS
Backend Development & APIs	RESTful APIs, Microservices, Flask APIs
Databases	Oracle DB, PostgreSQL, SQL Server, MySQL
Cloud & DevOps	Azure, Azure DevOps (CI/CD Pipelines)
Version Control & Collaboration Tools	Git, SVN, TFS
Authentication & Security	Keycloak, SSO
Testing & Quality Assurance	Jasmine, Karma, Postman, REST API testing

Career Timeline

2016 - 19	2019 - 19	2019 - 21	2021 - 25	2025 - Present
Tata Consultancy Services, India	*Capgemini Technology Services, India*	*Citiustech, India*	*Mastek, India*	*Abbott, India*

Awards

- **On-the-Spot Recognition:** Received an on-the-spot award for delivering high-value contributions that accelerated project outcomes.

- **Digital Excellence Award:** Recognized as a 'Top Digital Learner' for exceptional commitment to continuous learning and upskilling.

Work Experience

May'25 – Present | **Abbott, India** | **Senior Software Engineer / Technical Lead**

- **Process Improvement & Code Quality:** Introduced modular code design patterns and reusable UI templates, improving development efficiency and maintainability.
- **Project Scalability & Architecture:** Designed scalable full-stack solutions for healthcare applications to support growing user base and data volume.
- **Technical Guidance & Mentorship:** Mentored junior developers in **Angular** best practices, state management, and **Python** backend integration, enhancing team capability.
- **Stakeholder Alignment:** Collaborated with cross-functional teams and product owners to align technical solutions with business objectives.
- **POC Development & Innovation:** Developed proof-of-concept modules for new UI features and backend integrations to validate design approaches.
- **Performance Monitoring & Optimization:** Implemented frontend and backend performance optimizations to reduce load times and improve responsiveness.
- **Cross-Functional Technical Collaboration:** Partnered with **QA, DevOps, and product teams** to resolve technical blockers, improve release coordination, and enforce coding standards across environments.
- **Project Delivery Oversight:** Oversaw critical **feature/module deliveries**, ensuring adherence to deadlines and project timelines for high-impact healthcare applications.

Oct'21 – May'25 | **Mastek, India** | **Senior Software Engineer**

- **E-commerce Domain Expertise:** Developed and implemented e-commerce applications for purchasing detergents, managing complex product catalogs, subscription lifecycles, and intricate application logic.
- **Security & Access Management:** Implemented and maintained **SSO and Keycloak authentication**, ensuring secure access to e-commerce applications.
- **Cross-Team Coordination:** Worked with QA and product teams to implement functional enhancements and bug fixes efficiently.
- **Reusable Component Development:** Built and documented reusable **Angular components** and leveraged **Python-based functional applications** to accelerate development across multiple projects.
- **Cloud Integration:** Implemented Azure DevOps pipelines for seamless deployment and environment management.

Sep'19 – Sep'21 | **Citiustech, India** | **Senior Software Engineer**

- **Application Enhancement & Optimization:** Enhanced banking applications by implementing modular components and optimizing performance.
- **Process Standardization:** Defined coding standards and guidelines for **Angular** and backend integration to ensure consistent project delivery.
- **Team Knowledge Sharing:** Conducted knowledge sessions on **Angular features, Python API integrations**, and testing frameworks to upskill peers.

Jan'19 – Aug'19 | **Capgemini Technology Services, India** | **Associate Consultant**

- **UI Component Development:** Designed and implemented reusable **Angular Material components** to standardize front-end development.
- **Application Development & Integration:** Built applications using **Angular and Python** with **SSO authentication**, ensuring secure and scalable solutions.

Aug'16 – Jan'19 | **Tata Consultancy Services, India** | **Systems Engineer**

- **Internationalization & Customization:** Implemented i18n solutions for banking applications to support multiple locales.
- **Code Quality & Best Practices:** Promoted reusable components and modular coding standards for frontend and backend teams.
- **Collaborative Delivery:** Assisted cross-functional teams in delivering banking application modules on schedule.