SAYALI TAMBE

+49 15563517318 | sayalitambe2004@gmail.com
Klosterstrasse 30, Saarbruecken 66125
[LinkedIn](#) | [Google Scholar](#) |

ABOUT ME

Motivated professional aiming to contribute technical expertise and problem-solving skills in research and industry. Focused on innovation, development, and real-world impact.

EDUCATION

Computer Science, Master of Science   **In Progress**
Saarland University, Saarland, Germany

Information Technology, Master of Science   **Dec 2020 – Dec 2022**
Mumbai University, India | Grade: 9.9/10
Thesis: *Effects of parametric and non-parametric methods on high dimensional sparse matrix representations*

Information Technology, Bachelor of Science   **Aug 2016 – Aug 2020**
Mumbai University, India | Grade: 9.3/10
Project: *Fake News Detection (FND)*

WORK EXPERIENCE

Senior Software Developer, [Clover InfoTech](#) | Mumbai, India   **May 2024 – Mar 2025**
Built features for I Partner Pro and Spark at ICICI Lombard, including onboarding, policy management, event tracking, and AWS/CI/CD integration.

Software Developer, [Pegasus InfoCorp](#) | Mumbai, India   **Dec 2022 – May 2024**
Learned core development, security enhancements, SQL optimization, and Agile collaboration.

Projects Undertaken:
- **I Partner Pro**: Developed features for policy issuance, renewals, lead management, claims tracking, and premium calculation across web and mobile platforms.
- **Spark**: Built modules for KYC, document verification, compliance checks, and automated onboarding workflows.
- **LMS**: Created modular components, integrated Classlink, Google Classroom, Clever, and OneRoster.
- **CMS**: Designed features for course creation, versioning, publishing, and progress tracking with performance reporting.

Work Summary:
- Optimized CI/CD pipelines, accelerating releases from bi-monthly to weekly without compromising quality.
- Contributed to scalable system architecture with a focus on performance and maintainability.
- Ensured data security by implementing RSA and AES encryption mechanisms.
- Built and enhanced modules for claims, onboarding, attendance, and endorsements.
- Integrated software seamlessly into existing systems with cross-functional collaboration.
- Mentored junior developers and promoted modern coding practices.

- Fostered efficient team communication for faster and smoother feature delivery.
- Quick to adapt, detail-oriented, and driven by analytical problem-solving.

TECHINICAL SKILLS

Frontend Technologies: Angular, TypeScript, HTML, CSS
Backend & API Development: C#, .NET Core, Microservices, RESTful APIs, Web Services
Databases: SQL Server, MySQL
Version Control: Git, GitHub, Bitbucket
Cloud & DevOps: AWS (S3, EC2, RDS, Code pipeline), Docker
Project Management Skills: Agile & Scrum Methodologies, Sprint Planning & Task Prioritization, Jira

CERTIFICATIONS & ACHIEVEMENTS

Microsoft Certified: Azure Fundamentals	2024
Excellence award from ICICI Lombard	2023-24
SQL (Basic, Intermediate, Advance) - Hacker Rank	2023
Distinction with First Rank during ME semester 3	2022

LANGUAGES

English: IELTS C1	German: Goethe A2	Marathi: Mother Tongue	Hindi