

ASHUTOSH KARWA

✉ ashutoshkarwa18@gmail.com | ☎ +91-8879085947 | www.linkedin.com/in/ashutosh-karwa

Portfolio: https://ashutoshkarwa18.github.io/Personal_Portfolio/

EDUCATION

Ramrao Adik Institute of Technology, University of Mumbai
Bachelor of Engineering in Information Technology (8.99 GPA)

August 2019 - June 2023

PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Mumbai

October 2023 - Present

Product Engineer

- Designed and implemented **end-to-end workflows** for the **Lead Management Module** with **Spring Boot REST APIs** and MySQL optimizations, reducing lead creation time by **30%**
- **Developed an interactive Angular dashboard** with advanced filtering, Excel export/import, and real-time activity tracking, enabling administrators to monitor the lifecycle of all leads and improve lead-to-client conversion rates.
- Built a **Java-based scheduler** to identify unattended tickets and send daily alerts, resulting in a **90% reduction** in SLA response breaches.
- Built the **Project Planning Module**, enabling clients to create projects, allocate resources, track phases and activities, and get real-time visibility into completion percentage and delays.
- Added **Minutes of Meeting (MoM)** functionality with integrated email notifications, enabling teams to record, track, and share project discussions directly within the system.
- Developed **multiple reusable Angular components** that have been adopted in **50+ application screens**, improving development speed and consistency across modules.
- Developed **Customer Digital Summary** where the team gets a unified view of customer's communication details, onboarding journey, real-time business process, solution usage and adoption to enable data-driven decisions.
- **Improved database performance** by fine-tuning SQL queries and designing indexes, reducing query execution time, and supporting fluid interaction on data-intensive screens.
- Performed **code reviews and pre-production sanity checks**, ensuring better code quality, and reducing issues in production.

ScanID Systems, Mumbai

May 2023 - October 2023

Software Engineer Intern

- Developed a university recruitment portal using React, Express.js, MongoDB, and Tailwind.css, supporting 1-to-1 video interviews, with **data from 1200+ students and 30+ companies**.
- Automated Excel-based student filtering, cutting manual work by **70%** and optimizing filtering queries for low-latency processing.
- Developed a **No Dues Management System** feature for the college website to automate the already existing manual no due process.

SKILLS


Languages: Java, Python, HTML/CSS, JavaScript, TypeScript, SQL

Frameworks/Libraries: Angular, Spring Boot, Microservices, Hibernate, ReactJS, Node.js, Flask, MongoDB, Bootstrap

DevOps and Tools: Jenkins, Postman, TortoiseSVN

Certifications: AWS Certified Cloud Practitioner, 30 Days of Google Cloud Program - Cloud Engineering Track and Data Science and ML Track

PUBLICATIONS

- A book chapter on *Bone Disease Diagnosis System using Crisp Rule Set Theory* in **Semantic Intelligent and Computing Applications**. 
- A review paper in **Springer Journal** on *AI techniques and algorithms for cancer detection and healthcare applications*. 