

Juhi Rajesh Ganvir




+91 7447871518 | juhiganvir111@gmail.com | [in juhi-ganvir](https://www.linkedin.com/in/juhi-ganvir)

Pune, India

OBJECTIVE

Driven Software Engineer with expertise in high-volume transaction processing, CI/CD, microservices, & cloud-native solutions. Seeking to leverage skills in secure, innovative software development as well as machine learning to contribute to core products & services, focusing on collaborative problem-solving, reliability, & performance.

EXPERIENCE

- **Mastercard**  June 2023 - current
Pune, India
Software Development Engineer - I
 - Developed an automation suite that reduced manual effort for ETL components by 78%, streamlining the entire lifecycle and enhancing operational efficiency.
 - Optimized version control and CI/CD processes, managed major releases, and ensured end-to-end quality with automated testing and proactive production support.
 - Automated infrastructure provisioning, implemented robust monitoring and logging, and fine-tuned performance to support scalable, reliable operations.
- **Volvo Cars**  June 2022 - Sept 2022
Gothenburg, Sweden
Data Science Intern
 - Engineered different time series models on Hierarchical dataset for XC60 & XC90, improving upon baseline model performance by more than 27%.
 - Conducted thorough analysis & research to document & present the findings for each model.
- **Citi Bank**  April 2022 - Oct 2022
Pune, India
Full Stack Apprenticeship
 - Built a Data Seeding microservice application for clearing file & generating data for each information upload using Spring Boot, Thymeleaf, MongoDB, Angular, etc.

EDUCATION

- **MKSSS's Cummins College of Engineering for Women** GPA: 8.50
Bachelors of Technology in Computer Engineering

PROJECTS

- **Speech Recognition Web - App for Specially-abled:**
Tools: [HMM, LSTM, RSTM, CV, CNN, RNN]
 - Developed a web application for voice and facial expression recognition to aid communication for the mute and deaf community, utilizing Hindi language support with plans for multi-language expansion.
 - Created a unique, in-house database to capture palatal and dental sound variations, leveraging HMM, LSTM, CNN, and RNN for robust recognition capabilities.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Go, C++
 - **Web Technologies:** HTML, CSS, Angular, JavaScript, Bootstrap
 - **Database Systems:** MongoDB, MySQL
 - **Data Science & Machine Learning:** Pandas, Time Series Modelling, Tableau, Data Cleaning, Exploratory Data Analysis [EDA]
 - **Cloud & DevOps:** Docker, AWS, GCP, Firebase, Jenkins, Ansible, BitBucket
 - **Other Tools** Jira, Apache Kafka, NATS, Zabbix
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