

Mayur Shahasane

Engineering Lead

✉ mayur.coder@gmail.com

☎ +91 8976339392

📍 India

🌐 <https://www.linkedin.com/in/mayur-shahasane>

🔗 <https://mayurshahasane.com/>

🎓 EDUCATION

Master of Business Administration (Executive): Business Analytics

Narsee Monjee Institute of Management
Studies, India

03/2020 – 06/2021

CGPI: 3.9/4 Distinction

Bachelor of Engineering: Computer Science

University of Mumbai, India

06/2013 – 05/2017

CGPI: 8.4/10 - Distinction

🧠 SKILLS

- Large-scale Solution Designing & Implementation
- Cloud-native data architecture (AWS, Azure)
- Real-time and batch processing systems
- Data Modeling and Warehouse design & development
- Machine learning & AI Design and development
- Analytics and Reporting
- Leadership & Mentoring
- Strategic & Analytical Thinking
- Adaptability & Team Collaboration

★ TOOLS KNOWLEDGE

BI Tools

- Looker, PowerBI, Tableau

👤 PROFILE

Mayur is having 8+ years of experience in multiple technologies and business strategies. Currently working as a delivery lead for Informa PLC (contract) looking at scalable design and architecture for multiple products and making sure we have timely delivery of ongoing features to business.

Believes in data drive decision making. In past 8 years have delivered 24+ projects across different technologies, 15+ Cloud Solutions, 52+ Dashboards, 7+ AI/ML solutions and multiple micro-services and REST APIs, also handled 3+ major data migration projects.

📁 EXPERIENCE

Informa PLC (Contract)

Engineering Lead

01/2023 – Present

- Working on delivery of one of the critical project related to MQL, SQL and Prospects tracking, scoring, nurturing, converting and reporting for Event and Media domain
- Designed and implemented few of the core datamarts and Data warehouse solutions in Redshift effectively improving the performance 7folds of improving the data delivery time from 1 day to near real time
- Redesigned data architecture and API structure for one of the critical product improving the API performance by 1600X times and reducing the Infra cost 10x times
- Worked on development of multiples APIs (Rest, Graph)
- Worked on creating internal business python packages/ libs to bring consistency across the products
- Delivered AI solutions for company enrichment, content enrichment's like tagging, SEO, look a like, entity extraction, etc
- AI Recommendation engine providing near real time recommendation based on user interactions

Acrotrend Solutions

Associate Consultant

07/2017 – 12/2022

- Worked with multiple clients from India, UK, Dubai, etc.
- Worked on Event Domain, Healthcare and well-being domain and finance domain.
- Majorly worked with Stake holders, understanding requirements and translating them into technical solutions, working with distributed development team to deliver the requirements.
- As BI Analytics have developed 9+ Dashboards and 34+ Reports in PowerBI, 3+ Dashboards and 10+ Reports in Looker and LookML and 5+ Dashboards and 15+ reports in Tableau for different clients.
- Worked on creating the data models for Reporting and Data Analytics.

Cloud

AWS, Azure

OS

Linux, Windows

ETL/ELT Tools

- Talend, PySpark, DBT

DevOps

Docker, Kubernetes, GIT, CI/CD - Jenkins, Ansible, gitlab-ci, AWS code pipeline, AWS code build, Terraform, RabbitMQ, Kafka, etc.

Programing Language

Python, Java, SQL, spring-boot, maven, Bash, etc.

Data Storage

Snowflake, AWS S3, Redshift, etc., Relational DBs like MySQL, Postgres, etc., No SQL DBS like MongoDB, Cosmos DB, etc.

AI & ML

LLMs, RAG, MCP, Supervised and Unsupervised modeling and evaluations

★ OVER AND ABOVE

- Worked on New business research specially on UK Government G-Cloud system, designing the framework to effectively manage the complete application process.
- Effectively delivering multiple projects in mist of critical failures and missed deadlines
- Working in Labs researching, ideated and delivered multiple million dollars products helping business grow

- As Business Analyst had worked on 4+ projects, understanding the business requirements, asking relevant questions, designing the solutions as per requirement, estimating the work and presenting to client along with performing the UAT for quality delivery.
- The developed solutions used the best practices related to coding standards, full stack development using python, DevOps and CloudOps.
- As Data Scientist I have worked on 9+ Advance analytics solutions for extraction of data, EDA, feature engineering, evaluating the hypothesis, evaluating the models and finally productionize the solution.
- The projects involved unsupervised learning, clustering, regression for prediction, rule-based association, segmentation, NLP for sentiments, extraction of relevant data from text and more, Deep learning for chatbot to communicate at real time and delivering insights in chat.
- As ETL/ELT Developer worked on 3+ data migrations projects involving Salesforce, Workday, Oracle DW, SQL Server, Snowflake, Talend, SSIS and PySpark.
- As Java Developer I have worked on building 16+ microservices and REST APIs, swagger endpoints, that support JSON, XML, HL7 type of data, transforms the data and sends to target endpoints. Used RabbitMQ and Kafka to decouple the front end, receiver microservices, transformer microservices and sender microservices.
- Also, I was part of Innovation team, working on my Accelerator programs to fast-track the delivery, improve efficiency and quality of deliverables.

🏆 AWARDS

Hackathon - AngelHack 1st Place

Hackathon - InOut 3.0-3rd Place

University of Mumbai - 2 Projects selected for Research & Innovation

📄 PUBLICATION

Worked on designing IoT and AI/ML based solution to prevent major residential accidents like LPG leak, CO poisoning, Fire, Burglary, etc. The solution can work as standalone as well as can be easily integrated with existing home automations solutions. For more visit: <https://ijream.org/papers/IJREAMVo21122440.pdf>