Jainam Paresh Mehta

Current Role: Custom Team Lead (Along with Software development, Guiding, Mentoring & Leading the entire team)

Current Company: Magneto IT Solutions Pvt Ltd, Ahmedabad (Oct 2020 to Current)

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Profile Summary

Experienced tech leader with 6+ years in software engineering, specializing in frontend and backend development. Led transformative ecommerce projects like KGK (B2B, B2C), proficient in React.js, Next.js, Nest.js, and more. Strong in team leadership, project management, and client communication. Currently transitioning into the Data Scientist field to apply analytical skills and drive insights through data.

Skills

- Python (Programming: Flask, Django, Data Science: Numpy, pandas, scikit learn, seaborn)
- Nodejs (Along with Frameworks: Nestjs, Expressjs, Featerjs)
- Reactjs (Along with Frameworks: NextJs)
- Java
- Angular (2+)
- Typescript
- Database Management (SQL: MySQL, Postgres, H2 Database, NoSQL: Mongo, Graphql,
  Cache: Redis), ELK Stack
- Version Control: Git
- CI/CD: Jenkins, Deploy HQ, Gitlab CI/CD automation tools.
- Containerization: Docker
- API Testing: Postman
- Team Leadership
- Conflict Resolution
- Mentorship and Coaching
- Decision Making
- Strategic Planning
- Adaptability and Flexibility
- Project Planning
- Agile Methodology
- Micro-Service Architecture
- Data Visualization: Seaborn
- Artificial Intelligence: Machine Learning (Predictions, Pattern Recognition, Data Analysis), Deep Learning (RNN, ANN, NLP)
- Operating System: Linux, Window
- Build: Shell Scription
- API Consumption: Axios, Fetch
- Project and Task Management: Jira, Asana, Trello

College Project

BIT Pilani WILP (2023 - 2024) (Data Science)
Project: A Machine Learning Approach to Mitigate Shopping Cart Abandonment
Domain: Ecommerce
Tools and Technologies:
- Pycharm, Git, Colab
- Python
- MySQL
- Logistic Regression, Random Forest, Decision Tree, RFM, RNN, ANN

Description:
Implemented an innovative solution to address the challenge of shopping cart abandonment in e-commerce. Leveraged machine learning techniques to analyze user behavior and predict potential abandonment points. The project involved feature engineering to capture relevant user interactions and utilizing algorithms such as Logistic Regression, Decision Tree, and RFM for predictive modeling. Integrated the solution with the e-commerce platform for real-time intervention. This project showcases my ability to apply machine learning in a practical setting, demonstrating a data-driven approach to problem-solving in the e-commerce domain.

Work Experience

Magneto IT Solutions Pvt Ltd: (Oct 2020 – Current)

Project: KGK (B2B, B2C)

Domain: Ecommerce

Tools and Technologies: EC2, Git, Jenkins, Micro-Frontend (Nextjs), Reactjs. Micro-Service (Nestjs),

Database (Postgres, Mongo, Redis), Message Broker (TCP, AMQP), Asset Management (Pimcore)

Role: Custom Team Lead (Along with Frontend and Backend development)
Description: Led transformative KGK project, revolutionizing jewelry ecommerce. Developed Admin Panel tailored for KGK Group, leveraging React.js/Nest.js for scalability. Spearheaded feature-rich website catering to B2B/B2C clients, integrating Moodboard, Digital Catalogue, PDD, Exhibition, Deals, Auctions, and CMS modules. Strengthened proficiency in frontend/backend development, project management, and team collaboration. Passionate about driving innovation in ecommerce.
Responsibilities:
- **Backend Development**: Leveraged my expertise in backend development, utilizing frameworks like Nest.js to architect scalable and efficient microservices. Implemented robust backend functionalities to support the platform's complex business logic and data management requirements.
- **Frontend Development**: Spearheaded the design and implementation of intuitive user interfaces using modern front-end technologies such as React.js. Ensured seamless navigation and optimal user experience across the platform.
- **Sprint Planning**: Played an active role in sprint planning sessions, collaborating with team members to define sprint goals, prioritize tasks, and allocate resources effectively. Ensured alignment with project timelines and objectives.
- **Team/Task Management**: Led team members in executing tasks efficiently, fostering a collaborative and supportive environment conducive to achieving project milestones. Effectively delegated tasks based on individual strengths and project requirements.
- **Problem Solving**: Applied analytical skills to dissect complex problems into manageable components, facilitating the development of innovative and effective solutions. Employed a systematic approach to troubleshooting and resolving technical challenges as they arose.
- **Mentorship**: Provided guidance and mentorship to junior team members, sharing knowledge and best practices to facilitate their professional growth and development. Encouraged continuous learning and skill enhancement within the team.
- **Client Communication**: Acted as a primary point of contact for client communication, ensuring clear and transparent communication channels throughout the project lifecycle. Addressed client queries, gathered feedback, and collaborated on refining project requirements to meet client expectations effectively.

Through these responsibilities, I contributed to the seamless execution of the KGK project, leveraging technical expertise, leadership skills, and effective communication to drive project success and deliver exceptional results.

Jubera Technologies: (Jul 2018 – Sept 2020)
Project: Mirealm
Domain: Finance, Ecommerce
Tools and Technologies:

- Frontend: Angular
- Backend: Spring Boot with JHipster
- Chatbot: Rasa, Botkit
- Architecture: Microservice
- Version Control: Git
- Communication: Kafka
- Databases: PostgreSQL, MongoDB
- Logging and Monitoring: ELK Stack

Role: Full Stack Developer
Description:
Led the development of Mirealm, a comprehensive platform facilitating deals and communication between vendors and customers. The project comprised multiple inter-portals, each tailored to specific user needs within the finance and ecommerce domains.
Key Features:
- **MiGarage**: Enabled customers to search, buy, rent, and sell vehicles. Implemented a feature for uploading chassis number images for vehicle detection.
- **MiHealth**: Facilitated patients in searching and booking appointments with doctors. Managed health records and allowed doctors to prescribe medicines and generate bills automatically. Enabled ordering medicines from nearby pharmacies and network pharmacies. Hospitals could initiate the claim process on behalf of patients.
- **MiInsurance**: Managed the claim process for hospitals on behalf of patients.
Responsibilities:
- **Frontend Development:** Designed and implemented intuitive user interfaces using Angular, ensuring seamless navigation and optimal user experience.
- **Backend Development**: Developed robust backend functionalities using Spring Boot with JHipster, ensuring scalability and efficient data management.
- **Chatbot Development**: Implemented custom chatbot functionality using Rasa and Botkit, enhancing user interaction and engagement.
- **UI/UX Design**: Led UI/UX design efforts, ensuring a visually appealing and user-friendly interface across all portals.
- **Database Design**: Designed and optimized database architecture using PostgreSQL and MongoDB, ensuring data integrity and performance.

Contributed to the successful execution of the Mirealm project, leveraging technical expertise and effective communication to deliver exceptional results.

Education
- Master of Data Science and engineering – BITS Pilani WILP (2022 - 2024)
- Bachelor of Technology – Ganpat University (2014 – 2018)