Varun Sheth

+91-9969340135 · github.com/Varun330522 · linkedin.com/in/varun-sheth-a66183190 · varunsheth01@gmail.com
Personal Portfolio

EDUCATION

Xavier Institute Of Engineering   May 2023
Btech Computer Engineering   *CGPA: 8.10/10*

SKILLS

Languages: Java, Python, JavaScript, HTML/CSS,
Frameworks: Django, PostgreSQL, FastAPI, ReactJs, NodeJs
Databases: PostgreSQL, MongoDB, Redis
Cloud Technologies: AWS S3, EC2,ECS
Operating System:Windows, Linux

PROFESSIONAL EXPERIENCE

LenDenClub | *Software Developer*   July 2023 – August 2024

- Notification System
  * Architected and managed a robust notification system, enabling seamless email, mobile, and webhook delivery for 75 event types, ensuring high availability and reliability
  * The system sends 2 million notifications daily, with a delivery latency of 100 ms, enabling businesses to accurately track the number of notifications sent for proper billing with notification vendors
  * Implemented a retry mechanism that attempts delivery up to 3 times, ensuring reliable notification delivery
  * Used **Django, AWS ECS, AWS S3, and PostgreSQL** to build this system
- Application Migration and Optimization for InstaMoney and InstaMoneyPlus
  * Led the migration of InstaMoney and InstaMoney Plus applications from a monolithic architecture to a microservices-based structure, enhancing system scalability, performance, and ease of maintenance.
  * Reduced document generation latency from approximately 2 minutes to 10 seconds
  * Reduced Docker image size from 2.7GB to around 1GB
  * **Used Django, Amazon ECS, Redis, PostgreSQL, JWT Token**
- Operations Dashboard Development
  * Engineered a user-friendly operations dashboard that digitally transformed loan lifecycle tracking from application to closure; resulted in a 60% decrease in errors associated with manual data entry and reporting
  * Introduced features such as Bulk Payment and ECS Presentation, which reduced manual intervention by 70% and automated 85% of the processes
  * This automation minimized human error and increased operational efficiency, saving the operations team 16% of their time, reducing task duration by 16%
  * **Used FastAPI, Django, PostgreSQL**

PROJECTS

Shopify Wishlist System | *NextJS, Prisma, TRPC*   June 2024
- Developed a full-stack application for wishlist management, using Prisma ORM with PostgreSQL for secure data handling and TRPC for type-safe API development, enhancing user engagement and personalization
- Added features for secure data storage, reliable service communication, and efficient information handling, significantly improving user experience and application performance

Role-based Access Control | *Python, Django Framework, Postgres, HTML, JWT Token, Git, VS Code*   August 2023
- Implemented RBAC with Django, JWT Token, and PostgreSQL for secure, stateless authentication and robust database management in web development, achieving a 30% increase in security efficiency
- Designed an intuitive UI for seamless role assignment, enhancing user experience and efficiency around 70%, and created a flexible RBAC framework for precise feature and data access control

CERTIFICATIONS

The Complete Foundation Stock Trading Course   September 2024

Fundamentals of Backend Engineering   September 2024

Fundamentals of Database Engineering   August 2024

ACHIEVEMENTS

Curated and delivered training sessions on Django and web architecture fundamentals to a batch of 60 students. Provided personalized guidance and resolved doubts, ensuring a deeper understanding of key concepts. Received positive feedback from all participants, with 80% reporting significant improvement in their understanding of the REST framework and its implementation.