

ASHISH AUTI

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SKILLS

- Programming Languages:** Python, JavaScript, Java, C++
- Databases:** SQL, MySQL, PostgreSQL, SQLite
- Technologies:** Django, RESTful APIs, ReactJS, AWS, Firebase, Kafka, BeautifulSoup, Bootstrap
- Tools & Technologies:** Git, GitHub, Jira, Docker, RabbitMQ, Celery, SonarQube, Swagger, Postman, Linux, Flower

EXPERIENCE

StartxLabs Technologies | Software Developer

Jun 2024 to Present

- Python, Django, Django REST Framework, SQL, Postman, Git, GitLab, Celery, Linux, RabbitMQ, AWS S3
- Designed and developed scalable backend APIs for a fintech platform, successfully handling over one million daily transactions with 99.99 percent uptime, ensuring seamless financial operations.
 - Enhanced dashboard performance by reducing response times 60% via efficient queries, caching, and asynchronous processing
 - Streamlined bulk email operations with Cron tasks and **Celery**, enabling the delivery of over 10,000 emails per day and boosting customer engagement.
 - Delivered high-performance backend systems focused on scalability and maintainability, leading to a 35% improvement in user satisfaction and operational efficiency.

Affinity | Back-end Developer Internship

Sep 2023 to Feb 2024

- Python, Django, PostgreSQL, Grafana, Git, GitHub, Docker, Kafka, Firebase, Celery, SonarQube, Postman, Swagger
- Developed backend systems for Android and iOS apps, ensuring seamless API integration and delivering an exceptional user experience in collaboration with the front-end team.
 - Integrated **Firebase** for real-time messaging, increasing user engagement by 40% through improved messaging features.
 - Spearheaded API optimizations with **Kafka**, improving performance by 60% and reducing latency under high-demand conditions, enhancing overall system responsiveness.
 - Containerized microservices with **Docker** for scalable, consistent deployments, and managed project workflow with **Jira**, using SonarQube for code quality checks and Grafana for performance monitoring to ensure system reliability.

EDUCATION

Bachelor of Engineering

Aug 2020 to Apr 2024

Savitribai Phule Pune University (SPPU), Pune, India

GPA : 8.8/10

PROJECTS

Fitora: Virtual Try-On Ecommerce Platform

GitHub: [Link]

- Tech Stack: Python, Machine Learning, AI, Web Development, React.js, RESTful APIs, HuggingFace, AWS
- Developed an AI-powered virtual try-on platform that allows users to virtually try on clothes using advanced **machine learning** algorithms for image recognition and fitting, enhancing the online shopping experience.
 - Integrated products from Amazon, Flipkart, and Meesho, utilizing the Amazon Product Listing (PAAPI) API to fetch real-time product details, enhancing the platform's product variety and accuracy of recommendations.
 - Launched the website, incorporating personalized user engagement strategies through email, WhatsApp, and **push notifications**, resulting in a 45% increase in website traffic, a 30% boost in user interaction, and higher conversion rates.
 - Integrated an easy-to-use admin dashboard for product management, allowing admins to seamlessly update and track product inventory, pricing, and user engagement metrics.

Supplier Relationship Management System

GitHub: [Link]

- Tech Stack: Django, RESTful APIs, PostgreSQL, JWT Authentication, Swagger for API documentation.
- Developed scalable **RESTful APIs** with JWT authentication to streamline secure vendor communication, automate workflows, and centralize data management, boosting operational efficiency.
 - Designed and implemented machine learning-based vendor scoring algorithms and integrated NLP to analyze feedback, improving vendor reliability and supporting strategic decision-making.
 - Enhanced API performance by optimizing database queries and purchase order tracking, achieving a 30% efficiency increase and providing clear documentation using **Swagger** for seamless integration.

ACHIEVEMENTS

- Contributed to the **open-source** project Wagtail, enhancing its functionality and improving the user experience.
- Enhanced an International HMS project by optimizing workflows and boosted user engagement.
- Top 5% in Codekaze Round 1.

CERTIFICATIONS

- **Great Learning:** Linux Foundation Certified System Administrator (LFCS)
- **Coursera:** Python Scripting for **DevOps** Specialization
- **Forage-Goldman Sachs:** Software Engineering Virtual Experience Program