SOHAM PANCHAL

Mumbai, Maharashtra

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EDUCATION

Atharva College of Engineering   Jul 2021 – Present
Bachelor's of Engineering in Computer Engineering   *Mumbai, India*
CGPA : 8.00

EXPERIENCE

AltissAdvance Tech Private Ltd   Jul 2023 – Present
Full Stack Web Developer   *Mumbai, India*
- Managed the development and deployment of an innovative product, increasing user engagement by capturing insights from their 10,000+ customers, which led to actionable changes in service offerings.
- Instituted a series of backend enhancements using Django, which included optimizing database queries, resulting in improved response times for over 500 daily user requests and increasing application reliability.
- Developed and integrated a WhatsApp API for real-time customer support, boosting customer satisfaction scores and enabling the service team to efficiently manage over 300 daily inquiries without additional staff.
- Designed an automated workflow system for order confirmations, eliminating over 2,000 manual entries per month, freeing up the customer service team to focus on high-value tasks and enhancing overall service quality.
- Queried MySQL database queries from Python using Python-MySQL Connector and MySQL DB package to retrieve necessary information for the company, resulting in a 75% retrieval rate.
- Executed an integration of Daphne and Celery with Redis to create an advanced asynchronous task management framework; improved processing speed and increased overall system throughput by 50%, positively impacting user experience.

PROJECTS

WhatsApp Marketing Tool | Python, JavScript, Django, React, WhatsApp API
- Engineered a scalable WhatsApp marketing platform that automated targeted messaging and real-time customer engagement for over 50 businesses, resulting in increased brand loyalty and customer retention.
- Optimized system performance and scalability through advanced Django configurations and seamless integration with the WhatsApp API.

E-Commerce Shop | Python, Django, HTML, CSS, JavaScript
- Engineered a Django-based e-commerce platform featuring streamlined product listings, a user-friendly shopping cart, and comprehensive order management.
- Designed and implemented a custom solution with Django and SQLite; integrated Razorpay which enabled secure payment transactions, achieving a 15% increase in overall transaction efficiency across the platform.

MemeBot - Interactive Telegram Bot | Python, Python Telegram Bot
- Telegram bot that seamlessly integrates user assistance with entertainment by delivering 100+ memes on demand; now utilized by active users, enriching the overall customer experience.
- Responsive bot programmed to identify 30+ relevant keywords in customer queries, improving customer engagement; utilized real-time analytics to ensure continuous enhancement of user experience based on interaction data.

TECHNICAL SKILLS

- **Languages:** Python, C++, SQL, JavaScript, HTML, CSS
- **Frameworks:** Django, React, RESTAPI
- **Databases:** PostgreSQL, Redis
- **Tools:** Git, Docker, Postman
- **Deployment:** AWS EC2, Apache, Daphne

ACHIEVEMENTS

- Secured 7th rank all over India in the prestigious Smart India Hackathon
- Played in the Maharashtra Cricket Association(MCA) Summer Cricket tournament in 9th grade
- Participated in the Lokmanya Tilak Mathematics Exam for five consecutive years, consistently passing with an average score of 75%