

Ishank Chauhan

Cell: +918273666606

Email: ishankc52@gmail.com

LinkedIn: linkedin.com/in/ishankc52

To be a part of a passionate work environment, where I can use my skills to accomplish organizational goals

SUMMARY

With 3+ years of experience in web development as Python/Django developer.

- Developed and enhanced RESTful APIs for diverse functionalities, ensuring compliance with industry best practices and optimizing performance, scalability, and security.
- Collaborated with front-end developers to integrate user interfaces with backend services.
- Implemented data validation and sanitation to enhance security and prevent vulnerabilities.
- Wrote efficient database queries and managed data migrations using Django ORM.
- Assisted in debugging and resolving production issues, ensuring minimal downtime.
- Conducted unit testing and integration testing to verify the correctness of backend functionalities.
- Documented API endpoints and provided clear usage instructions for other team members.
- Utilized Django REST framework and Celery for asynchronous task processing.

SKILLS

Programming Skills - Python, HTML, CSS

Other Skills - Problem-solving, Analytical, Teamwork, Solution Oriented

Libraries / Frameworks - Django, Django REST framework, Pytest, Celery, FastAPI, SQL, PostgreSQL, SQLAlchemy, Tortoise-ORM

Source Code Management Tools

-Github

Project Management Tools - Jira

Development Tools - PyCharm, VS Code, Jupyter

LANGUAGES

English, Hindi

EXPERIENCE

Kiwi Technologies India Pvt. Ltd, Noida — Associate Software Engineer (Web Development)

Dec 2021 - Aug 2023

- As an Associate Software Engineer, I was responsible for developing and maintaining web applications, designing and optimizing backend components using Python and Django, resulting in a 30% increase in application performance.
- Spearheaded the creation of over 15 RESTful APIs, ensuring strict adherence to industry best practices, which Maximized system reliability by 25%.
- Collaborated closely with QA teams to execute comprehensive testing, reducing bugs by 40% through effective issue identification and resolution.

Aspagteq Technologies India Pvt. Ltd, Noida — Software Engineer (Web Development)

Nov 2023 – Oct 2024

- Experienced in developing scalable web applications using Python and Django, with a strong focus on security best practices, contributing to a 20% increase in application security.
- Proficient in building and optimizing RESTful APIs, achieving a 30% boost in performance.
- Collaborates effectively with QA teams, demonstrating strong analytical abilities that resulted in a 40% decrease in post-production issues.

IntelliSync, Gurugram — Software Engineer (Web Development)

Nov 2024 – PRESENT

- Designed and implemented scalable backend systems using Python and Django
- Developed efficient database schemas and queries in MySQL/PostgreSQL, improving data retrieval times by 25%.

PROJECTS

1. Reentry

Duration: 12 months

- Played a key role in the development of Reentry, a specialized tracking application at Kiwi Technologies to monitor individuals on bail in the US, particularly those in government-managed Rehabilitation Centers.
- Amplified regulatory compliance by integrating automated alerts for rule violations, which facilitated swift corrective actions and contributed to improved public safety and more efficient justice administration.

Tools & Technologies: PyCharm, Django, Django REST, PostgreSQL, Docker, AWS (S3), Git, JIRA.

2. VoiceKit

Duration: 9 months

- Pioneered the development of VoiceKit, an in-house product at Kiwi Technologies, leveraging Artificial Intelligence and Machine Learning to analyze audio files and detect emotions such as happiness, sadness, and anxiety with 95% accuracy.
- Designed and implemented features that visualize emotional fluctuations, presenting data through bar graphs and scatter plots on a per-minute basis, improving user engagement by 40%.
- Contributed to advancing emotional analysis technology, enhancing user understanding and decision-making through intuitive and actionable data visualization.

Tools & Technologies: PyCharm, Django, Django REST, PostgreSQL, Docker, AWS (S3), Git, JIRA.

3. NeoBanking

Duration: 6 months

- Development of NeoBanking, a comprehensive financial platform. Designed to provide a wide array of financial services including bill payments, mobile recharge, and money transfers, with a focus on user engagement through reward systems for new registrations and referrals.
- Expanded services to support farmers with offerings such as crop insurance, health insurance, and credit card facilities.

Tools & Technologies: PyCharm, Django, Django REST, PostgreSQL

Roles & Responsibilities:

- Collaborated with a team of three developers to build and maintain core backend services, enhancing system stability by 30%.
- Optimized database queries, resulting in a 40% reduction in average response time.
- Built RESTful APIs using Django REST Framework, enabling seamless integration with mobile apps and third-party services, improving interoperability by 25%.
- Wrote comprehensive unit tests for critical backend components, achieving 90% code coverage and reducing production bugs by 20%.
- Worked in an Agile development environment, actively participating in sprint planning, daily stand-ups, and retrospectives, contributing to a 15% increase in team efficiency.
- Analyzed and resolved bugs, decreasing issue resolution time by 25% and ensuring consistent system performance.

4. MachineMaintenance

Duration: Running

- Designed and developed a scalable backend system for managing garment factory machines, including preventive maintenance schedules, breakdown ticketing, and repair tracking using Django Framework.
- Implemented real-time breakdown ticket alerts via mobile notifications and emails, automatically notifying assigned mechanics and supervisors based on machine location using Celery and Redis for task queueing.
- Built modules to manage machine allocation, spare part tracking, and mechanic-location assignments, optimizing repair workflows and ensuring centralized visibility across multiple factory units.

Tools & Technologies: VSCode, Python, Django, MSSQL

Roles & Responsibilities:

- Collaborated in a cross-functional team to design and implement a machine maintenance system, streamlining breakdown reporting, preventive scheduling, and repair tracking for multiple factory locations.
- Built and optimized RESTful APIs using Django REST Framework, facilitating seamless communication between frontend apps, mobile notifications, and background services.
- Refactored complex queries and improved ORM usage, resulting in a 35% reduction in average database response time during ticket and maintenance data retrieval.
- Designed and implemented spare part tracking and mechanic-location assignment modules, improving ticket resolution accuracy and operational transparency across departments.
- Followed Agile methodologies, participated in daily stand-ups and sprint reviews, contributing to continuous feature delivery and a 20% improvement in project delivery timelines.

EDUCATION

- **Bachelor of Technology, Computer Science & Engineering — (2017-2021)**

Completed B.Tech in Computer Science & Engineering from Moradabad Institute of Technology. (AKTU)

- **Senior Secondary, CBSE Board — (2015-2017)**
- **Secondary, CBSE Board — (2013-2015)**