

Nupur Patel

Software Engineer

Toronto, ON | P: +1 647 703 8533 | heyitsnupur@gmail.com

WORK EXPERIENCE

Stack Builders (Software consulting company with 100+ employees)

Remote

Software Developer Tier 1

Dec 2022 – Nov 2023

- Deployed static site management with Wagtail Bakery, ensuring continuous accessibility during large-scale DDoS attacks, maintaining uninterrupted service for users.
- Optimized application health-check endpoint processing time by 50% through the consolidation of Django migrations using the squash technique.
- Led the design and implementation of distributed systems architecture, optimizing scalability and fault tolerance for high-performance applications.
- Contributed to the development of a resource center alongside a team of 8 developers, resulting in a notable 39% improvement in P5 customer engagement rate.
- Collaborated closely with QA engineers to develop comprehensive test plans, ensuring thorough coverage of all functional and non-functional requirements, and facilitating the delivery of high-quality, defect-free software products.
- Worked closely within an agile team, playing a pivotal role in prioritizing and scoping feature requests. Ensured that high-impact features were addressed with priority, optimizing project outcomes and user satisfaction.
- Collaborated with other developers, designers and stakeholders to integrate third-party services and APIs, resulting in a 30% increase in application functionality and user satisfactions.

SpellenX Innovations (Software & Game development startup with 6 employees)

Ahmedabad, IN

Web Developer

May 2021 – Jan 2022

- Developed and maintained robust web application Built using Django framework, ensuring high performance, scalability, and security.
- Balanced the enhancement of code quality and system maintainability by maintaining comprehensive documentation for Django projects, including system architecture, APIs, and deployment procedures, to facilitate future development support.
- Increased website responsiveness by 40% through optimization of database queries and implementation of caching mechanisms in Django applications.
- Implemented seamless Single Sign-On(SSO) Functionality by integrating Django applications with SAML using the pysaml2 library. This integration enabled users to access multiple systems with a single set of credentials.
- Optimized front-end performance by leveraging techniques like AJAX for asynchronous requests.
- Implemented and managed cron jobs to automate repetitive tasks such as database backups, report caching, and periodic data processing, ensuring operational efficiency and timely execution of critical processes.
- Elevated application test coverage from 53% to 90%, ensuring robust and comprehensive quality assurance practices.
- Successfully integrated a diverse range of third-party packages to enhance functionality, including payment gateways, two-factor authentication systems, Google Maps APIs, email gateways. This integration streamlined operations, expanded features, and improved user experience while ensuring seamless compatibility and security across the Django applications.

EDUCATION

Gujarat Technological University

Ahmedabad, IN

Bachelor of Engineering

July, 2017

Major in Computer Engineering

Cumulative GPA: 9.43/10.0

ADDITIONAL

Programming Languages and Frameworks: Django, Django Rest Framework, Python, JavaScript, HTML/CSS, Tailwind

Devops and Deployment: Docker, Linux (CentOS & Ubuntu), CI/CD Deployment, Git, AWS (S3 ,EC2), Digital Ocean, Heroku, Plesk

Analytics and Monitoring: Google Tag Manager, TrustArc, Rollbar, Sentry, Datadog, Big Query

Tools: Swagger, Agile/Scrum, Django-crontab

Communication and Soft Skills: Quick learner, Problem-solving, Test plans, Remote Work, Communication (voice & text)