Abhishek Kumar

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2 years of experience in designing scalable deployment workflows and developing secure, high-performance web applications. Proficient in Python, Django, AWS, containerization, and CI/CD pipelines, with a strong focus on automation, reliability, and performance optimization.

Technical Skills

Programming Languages: Python

Databases: MySQL

Version Control: Git, GitHub

Cloud Platforms: AWS (EC2, S3, Route 53, IAM, RDS)

Frameworks & Libraries: Django, BeautifulSoup

Operating Systems: Linux, Windows

Containerization: Docker, Docker Compose

Frontend: HTML, CSS, JavaScript, Bootstrap

Experience

Infosys Limited　　　　　　　　　　　　　　　　　　　　Oct 2022 – Present

Systems Engineer (Backend Engineer − DevOps Engineer)　　　　　　*Bengaluru, Karnataka*

- Developed and maintained scalable web applications using the Django framework, ensuring high performance and optimal user experience.
- Collaborated with cross-functional teams to define software requirements, identify solutions, and meet project milestones.
- Integrated third-party services such as payment gateways, email systems, and authentication services (OAuth, JWT).
- Utilized Django's ORM for efficient database schema design and complex query construction, optimizing performance.
- Implemented version control using Git and participated in code reviews to maintain code quality and consistency.
- Deployed application to AWS and managed production environments.
- Participated in agile methodologies, including sprint planning, daily stand-ups, and retrospectives.
- Maintaining and managing the infrastructure of the **GST Project**, ensuring high availability and reliability of services.

- Monitoring system performance using **Grafana**, **Prometheus**, and **Loki**, and proactively identifying and resolving potential issues.
- Deploying and managing containerized services on the **OpenShift Cluster**, ensuring seamless integration and efficient resource utilization.
- Debugging and troubleshooting application and infrastructure issues to ensure uninterrupted service delivery.

Projects

E-Commerce Application ⎘ | *Django, Python, Bootstrap, SQLite, AWS EC2, Cloudflare, SMTP, GoDaddy, AWS Route 53*

- Developed a **Django-based e-commerce application** with features for secure **user registration**, **login**, and **product purchase**.
- Implemented a seamless **product purchase flow** where customers can input shipping details; confirmation emails are sent to both the vendor and the customer.
- Created a **repair request system**, notifying the vendor via email to facilitate customer support.
- Styled the interface using **Bootstrap** for a clean and responsive user experience.
- Deployed the application on **AWS EC2** using **Docker** and configured security with **Cloudflare**. Mapped domain via **AWS Route 53** and registered the domain on **GoDaddy**.

Education

MIT MUZAFFARPUR　　　　　　　　　　　　　　　　　　　　July 2022

Bachelor of Information Technology (CGPA: 8.18)　　　　　　*Muzaffarpur, Bihar*