**HIMANSHU SAINI**

**Software Engineer II (Backend)**

Bengaluru, India • +91-9899880773 • [himanshusaini06@gmail.com](mailto:himanshusaini06@gmail.com) • [GitHub](https://github.com/Himanshu-saini) • [Linkedin](https://www.linkedin.com/in/himanshusaini17)

**Professional Summary**

Results-driven **backend software engineer with 4+ years of expertise** in Java, Python, and Ruby, specialising in microservices, multitenant architectures, and event-driven architecture. Proficient in high-level design (HLD), low-level system design (LLD), and AWS cloud, with a strong track record of developing scalable systems.

**Professional Experience**

**Software Engineer 2 |** Nykaa (Bengaluru, India) | Beauty and Fashion E-Commerce Platform **Oct ’24 - Present**

**Technologies Worked**: *Java, Spring Boot, Python, Redshift, AWS, Docker, ECS/EC2, DynamoDB, SQS, Konga*

* Key contributor to the NES team, **owning the deployment of 40%** Nykaa microservices in the UAE region.
* Acquired an architectural understanding of all Nykaa's services for better designing multi-tenant changes.
* **Designed and documented LLD** of features like config management, tenant onboarding, pipeline deployments and branching strategy needed for converting the current stack to Multi-tenant services.
* **Owned the Data Science side of work** for NES team for quick feature deployment, gaining understanding of Redshift, Airflow, and Spark DAGs.
* **Acted as a communication bridge** between our UAE partners and various platform teams, directing work and unblocking feature development.
* Led efforts to remove resource-specific hard-coding, enabling multi-region deployments and multitenancy.
* **Collaborated with platform teams** to resolve architecture bottlenecks, ensuring **on-time deployment of services**.
* **Presented scalable solutions** in cross-team discussions, addressing challenges in multi-region infrastructure.

**Software Engineer - Backend |** Amoga (Bengaluru, India) | Low-Code No-Code Enterprise Software  **Aug ’22 - Oct ‘24**

**Technologies Worked**: *Java, Spring Boot, Python, Django, FastAPI, PostgreSQL, Redis, Socket IO, Docker*

* **Own the Workflow Automation service**, driving v2 development and deployment for seamless business workflows.
* Built logic for app studio publish, **accelerating application creation by 10x** and boosting usability.
* **Designed and implemented an RBAC system** for precise access control, enhancing user management capabilities.
* **Reduced code redundancy by 20%** through module refactoring and reusable helper functions.
* Optimised socket messaging with Redis, **reducing redundancy by 50% in targeted communication**.

**Software Engineer - Backend |** TailNode (Gurgaon, India) | Software consultancy **Oct ‘21 - Aug ’22**

**Technologies Worked***: DRF, Python, Ruby-on-Rails, MySQL, AWS, Heroku*

* Delivered **3 end-to-end projects**, overseeing development, deployment, and post-launch support.
* **Mentored 3 interns**, streamlining onboarding and task allocation, achieving faster team ramp-up.
* Started and **owned project development in Python**, which improved project capabilities and talent hiring

**Skills**

* **Programming Languages:** Java, Python, Ruby
* **Frameworks:** Spring/Spring Boot, Django - REST, FastAPI, Ruby-on-Rails, Spark
* **Databases:** MySQL, PostgreSQL, Cassandra, Redis, Redshift
* **DevOps:** Git, Docker, Kafka, AWS (EC2/ECS, DynamoDB, IAM, Lambda)
* **Core Competencies:** REST APIs, Microservices Architecture, AI Prompting, DSA, System Design

**Education**

**Bachelor of Engineering, Computer Science Majors | 8.1 CGPA May ‘17 - May ‘21**

*Jaypee Institute Of Information Technology Noida, India*

**Higher Secondary (CBSE) | 81.8% April ‘15 - Match ‘17**

*Gyan Bharati School Saket, Delhi*

**Projects and Achievements**

**Awarded as “The Bright Spark” at Nykaa**

Awarded by the Nykaa leadership in the company-wide tech townhall for my ownship and contribution to NES project within 10 months of joining the organisation.

**Multi-tenant storage platform for the healthcare industry**

Built a scalable, fault-tolerant storage solution using Cassandra and Redis, leveraging multi-tenancy to reduce infrastructure costs

by 25%.

**Publication**

**A Load Balancing-Based Cost-Effective Multi-Tenant Fault-Tolerant System**

Published in [*Lecture Notes*](https://doi.org/10.1007/978-981-16-1395-1_61) *in Networks and Systems, Springer, vol. 204 (2021)*. [[**https://doi.org/10.1007/978-981-16-1395-1\_61**](https://doi.org/10.1007/978-981-16-1395-1_61)]