

SHUBHAM KUMAR

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Websites, Portfolios, Profiles

- <https://github.com/shkkr01>
- www.linkedin.com/in/shubham-kumar-0383351b4
- <https://shkkr01.github.io/PortfolioWebsite/>

Summary

Experienced in building high-performance, cloud-native backend systems with 4+ years in Java Spring Boot, Go, and distributed databases. Optimized efficiency by 30%, reduced downtime by 40%, and scaled systems to handle 1M+ daily requests. Passionate about microservices, event-driven architectures, and solving complex engineering challenges.

Skills

Programming & Scripting: Java Spring Boot, Python
Cloud & Containerization: AWS Cloud Services, Kubernetes, Docker
Messaging & Event Streaming: RabbitMQ, Kafka
Databases & Storage: SQL (PostgreSQL, MySQL), NoSQL (MongoDB, DynamoDB), Elasticsearch
DevOps & CI/CD: GitHub Actions, Jenkins
System Design & Architecture: Microservices Architecture, API Design, HLD, LLD
Testing & Code Quality: JUnit, Test-Driven Development (TDD)
Algorithms & Problem Solving: Data Structures and Algorithms

Experience

Senior Backend Developer Webknot Technologies <ul style="list-style-type: none">• Led Printvenue's migration from monolithic to microservices, designing scalable services.• Delivered AWS infrastructure at Rakuten SixthSense, including databases and Lambda, earning an award.• Boosted feature stability with 90%+ unit test coverage using Testing Library.	01/2024 to 01/2025 Bangalore, India
Freelance Software Developer Zageno Inc. <ul style="list-style-type: none">• Implemented Elasticsearch to improve data retrieval and indexing, boosting search speed by 30%.• Developed a CI pipeline integrated with SonarQube and Mend, enhancing code quality and streamlining development.	05/2023 to 12/2023 Bangalore, India
Software Development Engineer-1 Eshopbox e-commerce <ul style="list-style-type: none">• Engineered a merchandising service with Camunda, optimizing supplier selection and increasing revenue by 25% in the first quarter.• Integrated Razorpay, Pipefy, and Chargebee for seamless user login flow.• Led the setup of analytics infrastructure with DBT, Airbyte, Metabase, and BigQuery, improving order management efficiency by 20%.	09/2020 to 05/2023 Gurgaon, India

Education and Training

Bachelor of Engineering: Electrical And Electronics Engg Birla Institute of Technology Mesra	07/2020 Ranchi
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Personal Projects

- GitHub: <https://github.com/shkkr01/StudentManagement.git>
Developed a feature-rich e-commerce platform to enhance online retail experiences. Built with **Java Spring Boot** for the backend and **Thymeleaf**, **HTML**, and **CSS** for the frontend, offering seamless navigation, secure transactions, and a responsive shopping interface.
- GitHub: <https://github.com/AIProjectAlpha/LiveKitAgent>
Created an AI-powered platform for students to take topic-based assessments. Utilized **Java Spring Boot** for core services and **Python** for AI agent infrastructure, enabling seamless automation of the evaluation and feedback process.

Certifications

- **AWS Certified Cloud Practitioner**
- **AWS Certified Solutions Architect - Professional**

Accomplishments

- Financial Impact and Efficiency Improvements in Eshopbox