

Milind Sahu

Software Engineer

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EXPERIENCE

Software Engineer 1

BigBasket

📅 July 2022 - Present 📍 Bangalore, India

- Developed core infrastructure for a versatile microservice accommodating multiple projects.
- Updated microservice codebase to support multiple tenants, notably integrating Croma.
- Developed APIs and Crons for facilitating seamless data migration and cache reconciliation during architectural transitions.
- Boosted API responsiveness by integrating middleware layers and in-memory caching, optimizing MySQL queries.
- Lowered microservice costs through strategic pod downsizing based on system throughput.

Software Engineer Intern

BigBasket

📅 Jan 2022 - June 2022 📍 Bangalore, India

- Created a utility dashboard using Django, Ajax, HTML, and CSS for user and internal team access.
- Integrated JIRA with the reporting engine for automatic logging of failure bugs.
- Designed a CSV-based dashboard with interactive charts for comprehensive data analysis.
- Oversaw last-minute debugging and applied hot fixes to meet production deadlines.

ACHIEVEMENTS

- Secured **1st** place in IIIT Naya Raipur's 2021-22 hackathon. Implemented **OCR** in **Patient Health History App**.
- Secured Runner's up in Hult Regional 2021.

TECHNICAL SKILLS

- **Programming Languages**
 - Golang, Python, C++, C
 - SQL, HTML, CSS
- **System Design**
 - Low Level Design
 - High Level Design
- **Frameworks, Libraries & Tools**
 - Django, REST APIs, Machine Learning
 - Kubernetes, Docker, Kafka, Aerospike, Git

EDUCATION

B.Tech (Computer Science and Engineering) – 79.6%

IIIT Naya Raipur

📅 2018 – 2022 📍 Raipur

PROJECTS

Multi SKU Stacking

- **Golang | Django | Python**
- Led complex epics, notably spearheading the recommendation engine module for SKU bins.
- Acted as the primary developer for the planogram microservice.
- Managed intricate tasks such as message production/consumption in Kafka and cache management.

Container Stacking

- **Golang | Django | Python**
- Designed and modified database schemas across multiple tables to support new features seamlessly.
- Led the development of the acknowledgment module for stacking post-recommendation.
- Collaborated with multiple microservices to ensure smooth integration and interoperability.

Bin Stock Movement

- **Golang | Django | Python**
- Implemented functionalities for setting diverse parameters, movement of bins, and more.
- Connected with warehouse users for seamless integration of new feature.
- Updated the existing flow for the stock movement of SKUs which existed at SKU level to Bin Level.

Multi Order Picking

- **Golang | Django | Python**
- Developed key APIs for rapid multi-picking of SKUs during BB-NOW and BB-Daily deliveries.
- Engineered distinct solutions to optimize SKU selection efficiency in varying delivery scenarios.