

# Gangadhar P Kulam

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## PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience in backend development & e-commerce, SAP Commerce (Hybris), Spring Boot, and microservices. Strong background in performance optimization, scalable system design, headless commerce migrations, and secure integrations. Proven ability to deliver high-impact features, reduce operational overhead, and improve page performance across global e-commerce platforms.

## EXPERIENCE

### Western Digital Corporation, Bengaluru, India

**Software Development Engineer 2**

Aug 2025 - Present

**Software Development Engineer 1**

Aug 2022 - Aug 2025

**Intern 1**

Feb 2022 - Aug 2022

- Led the headless migration of SAP Commerce (Hybris) to Spartacus, improving scalability and reducing page load time by 35%.
- Improved search filters and enabled configurable merchandise filtering using Adaptive Search, reducing manual effort by 40%.
- Optimized add-to-cart service logic by removing redundant computations, reducing execution time by 60%.
- Enhanced bundle promotion logic via Hybris, contributing to a 10% increase in PDP-related sales.
- Integrated Apple Pay Direct, decreasing checkout time by 70% through one-click ordering.
- Supported company separation by cloning e-commerce platforms.
- Enforced SSO for Hybris Backoffice using OpenID Connect and SAML, streamlining authentication and Customer Support Agent onboarding.
- Played a key role in launching the Western Digital Japan e-commerce site (B2C + B2B) with localization and performance improvements.
- Resolved 25+ critical UAT issues in two weeks, ensuring smooth go-live across global teams.

## TECHNICAL SKILLS

**Languages:** Java, SQL, JavaScript

**Frameworks:** Spring Boot, React (basic)

**Databases:** MySQL

**Developer Tools:** SAP Commerce Cloud, Git, BitBucket, GitHub, Kibana, SOLR

**Others:** Microservices, Data Structures & Algorithms, Object-Oriented Programming & Design, Relational Database Management System, Agile Development

## PROJECTS

### SwapShelf (A Book Exchange Web Application) | Spring Boot, Thymeleaf, MySQL, Spring Security

A full-stack platform enabling users to list, search, and exchange books.

- Applied exchange requests, admin management, pagination, and role-based authentication.
- Configured filesystem-based image storage and enhanced search functionality.

### Bingo Game | JavaScript, HTML, CSS

A simple web-based Bingo game designed for fun and learning, allowing a single player to compete against the computer.

- Created a single-player Bingo game with computer gameplay and interactive UI elements.

### Digital Operations & Monitoring System | Java, Spring Boot, MySQL, SOLR

An internal tool developed to monitor background jobs, order lifecycle, and pricing processes in real time, aimed at improving operational efficiency and reducing manual oversight.

- Integrated Dynatrace alerts and Microsoft Teams notifications for real-time issue escalation.
- Added interactive orders and returns analytics using SOLR.
- Added test automation using TestNG and Allure reporting for detailed QA insights.

## EDUCATION

### Gogte Institute of Technology, Belagavi

CGPA - 9.44

Bachelor of Engineering, Computer Science

Aug 2018 - Sept 2022

## ACHIEVEMENTS

- Rockstar of the month (2025).
- Platinum Award (2025) for contributions to e-commerce platform separation for SanDisk and Western Digital.
- Synergy Award – Best Performer (2024).
- HackerRank Gold Badge, 1800+ points (2022)