Gangadhar P Kulam

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PROFFESIONAL 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%.
- Optimized search filters and enabled dynamic merchandise configuration using Adaptive Search, reducing manual effort by 40%.
- Improved 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.
- Implemented SSO for Hybris Backoffice using OpenID Connect and SAML, streamlining authentication and 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.
- Implemented exchange requests, admin management, pagination, and role-based authentication.
- Configured filesystem-based image storage and optimized 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, returns analytics with 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 months (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)