RISHABH AGGARWAL

SOFTWARE DEVELOPMENT CONSULTANT – 1

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WORK EXPERIENCE

Software Development Consultant -1 | Lumen Technologies, Bengaluru, Karnataka
(October 2023 - November 2025)

- Designed and developed scalable backend microservices using **Java (Spring Boot)**, exposing **RESTful APIs** to support real-time fault monitoring and operational workflows.
- Automated real-time fault alarm detection and ticketing systems, **reducing manual operational effort by ~40%** and significantly improving incident response time.
- Implemented secure and resilient service integrations with proper exception handling, logging, and retry mechanisms to ensure **high availability** in distributed environments
- Designed and implemented **centralized logging and monitoring** using **Elastic Search, Logstash, Kibana**, with Splunk integration for advanced analytics, significantly improving **production issue visibility and root-cause analysis**.
- Served as **Scrum Master** for a cross-functional team, facilitating sprint planning, stand-ups, retrospectives, and backlog grooming, resulting in **improved sprint predictability and on-time delivery**.
- Collaborated with DevOps teams to enhance **CI/CD pipelines,** improving code quality, security checks, test coverage, and deployment reliability.
- Deployed and managed applications on **AWS cloud** infrastructure, ensuring scalable, secure, and reliable production environments.
- Supported **high-availability production environments,** troubleshooting critical issues, and ensuring system stability.

Software Developer Engineer | Lumen Technologies, Bengaluru, Karnataka
(April 2021- September 2023)

- Led backend development for Project EDS, managing the end-to-end customer order lifecycle using **RESTful APIs** and **Spring Boot**.
- Optimized database queries and **improved API response** times by analyzing execution plans, indexing strategies, and **reducing latency** in high-traffic production environments.
- Designed and deployed secure, scalable microservices leveraging **Spring Security**, **JWT authentication**, and **OAuth2**, integrated with **Jenkins CI/CD pipelines** and **Kubernetes** orchestration for reliable production releases.
- Built resilient **microservices** with **fault-tolerance mechanisms**, retries, and centralized logging to ensure **high availability** and system reliability in distributed environments.
- Used **Java** (**Spring-Boot**, **Security**), **JUnit, Swagger, Splunk, AppDynamics**, and deployed via **Jenkins** & **Kubernetes**.
- Designed and developed reusable, responsive UI components for the eShop platform using **React**, integrating **REST APIs** to enable seamless customer browsing, cart management, and checkout experiences.
- Developed a quote-generation microservice using **Spring Boot** and **Apache Kafka**, enabling real-time, **event-driven** quote validation for customers.
- Implemented automated invoice generation using **cron-based schedulers, Shell scripting, and MySQL,** working closely with the Billing team.
- Monitored application performance and health using **Splunk and AppDynamics,** contributing to improved system observability and uptime.

Web Developer | CAL-Info Training & Consultancy, Kurukshetra, Haryana
(February 2019 - February 2020)

- Developed Single Page Applications (SPAs) using **Angular** and **TypeScript** with modular, reusable component architecture.
- Built full-stack web applications using **PHP (CodeIgniter 3)** with **React**, **JavaScript**, **jQuery**, and Bootstrap, integrating frontend interfaces with backend services and databases.
- Designed responsive, user-centric solutions aligned with client business requirements and performance standards.
- Developed and deployed production-grade client websites including CallTutors (calltutors.com), CAL-Info (calinfo.in), and StatAnalytica (statanalytica.com), ensuring responsive design, backend integration, cross-browser compatibility, and performance optimization.

EDUCATION AND CERTIFICATION

- **P.G - Diploma in Advanced Computing (PG-DAC)**
  CDAC ACTS, Bengaluru | *2020 – 2021*
- **B.Tech. – Electronics & Communication Engineering**
  UIET, Kurukshetra University | *2014 – 2018*

TECHNICAL SKILLS

- **Backend & Languages:**
  Java (Spring Boot), PHP (CodeIgniter), JavaScript, Shell Scripting
- **Frontend:**
  React, Angular, HTML5, CSS3, Bootstrap
- **Security & Authentication:**
  JWT, OAuth2, Spring Security
- **Testing & Quality:**
  JUnit, Mockito, SonarQube
- **Databases:**
  MySQL, MongoDB, Oracle, Postgres
- **DevOps & Cloud:**
  Docker, Kubernetes, Jenkins, GitHub Actions, Linux, Amazon Web Services (AWS - Foundational)
- **Monitoring & Messaging:**
  ELK (Elastic Search, Logstash, Kibana), Splunk, AppDynamics, Apache Kafka

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

AWS Cloud Practitioner 2022: Cloud & the Value Proposition | Skillsoft (July 2022)
AWS Cloud Practitioner 2022: Cloud Economics | Skillsoft (June 2022)
Spring Boot Microservices | Skillsoft (February 2022)
MEAN for FSD Development | Skillsoft (July 2021)
Data Analysis | Skillsoft (June 2021)