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PROFESSIONAL SUMMARY

Bilingual Software Engineer with 3+ years of experience developing secure, scalable web applications and microservices using Java, Spring Boot, and AWS. Built modular, production-grade systems using Clean Architecture and Agile practices across three enterprise SaaS platforms. Integrated OAuth2 authentication with Auth0, ensuring 100% secure access compliance.

Automated deployments with CI/CD pipelines via GitHub Actions, reducing manual errors and cutting infrastructure costs by 30% through cloud-native service optimization. Experienced in collaborating with global teams and proficient in English, Hindi, and conversational Japanese.

CORE SKILLS

- **Programming Languages:** Java, Python, Rust, JavaScript, PHP
- **Web Technologies:** HTML5, CSS3, Ajax, jQuery, Bootstrap 5, Tailwind CSS, ThymeLeaf, React.js, Angular
- **Frameworks:** Spring Boot, Spring Security, Spring WebFlux, Spring AI, Hibernate, MyBatis, JPA, FastAPI
- **Cloud Technologies:** Amazon Web Services (AWS), Google Cloud (GCD), Load Balancing, Kubernetes
- **Databases:** MySQL, PostgreSQL, MongoDB, DynamoDB, Elasticsearch
- **DevOps Tools:** Git, Docker, Jenkins, GitHub Actions, CI/CD, Maven, SonarQube, Linux, Nginx
- **API Technologies:** RESTful APIs, WebSocket, GraphQL, Apache Kafka, RabbitMQ, Resilience4j
- **System Design:** Microservices, DDD, Sagas, Sidecar, BFF, Circuit Breaker, CQRS, Service Discovery
- **Architectures:** Hexagonal Architecture, Clean Architecture, Service Oriented (SOA), Event-Driven
- **Security:** Encryption, Validation, JWT, OAuth2, CORS, Okta, MFA, XSS/CSRF Attack Protection
- **Testing:** JUnit, Log4j2, Mockito

PROFESSIONAL EXPERIENCE

PLAN-B, Inc. – Osaka, Japan

February 2023 – PRESENT

Software Engineer

Developed scalable B2B SaaS digital marketing products as a Software engineer using Java, Spring Boot, and AWS, managing the full SDLC in an **Agile** environment.

- Designed and implemented microservices using Java, **Spring Boot**, and **Spring Security**, enhancing modularity and reducing maintenance effort by 30%.
- Integrated Auth0 OAuth 2.0 for secure login and access control, achieving 100% compliance with security best practices.
- Automated deployment pipelines using GitHub Actions and CI/CD, reducing manual deployment errors and saving 50% of release time.
- Deployed applications using **AWS** (EC2, S3, Lambda), optimizing system performance and cutting infrastructure costs by 25%.
- Improved database access and ORM using MyBatis and Hibernate, increasing performance of batch processing tasks by 35%.
- Integrated AI-driven writing features into an SEO project using **OpenAI GPT-4o** API, improving content generation efficiency by 70%.

- Led implementation of new features and bug resolution in a commodity supply chain system, impacting over 10,000 users.

Cognizant Technology Solutions – Bangalore, India

March 2022 – January 2023

Programmer Analyst – Java Full Stack

Built enterprise-level applications as a full stack developer, creating RESTful services and responsive UIs with Java, Angular, and AWS in Agile sprints.

- Developed frontend modules using Angular, improving load times and responsiveness, which led to 15% higher user satisfaction (client feedback).
- Built and maintained RESTful APIs using Spring Boot, resulting in 30% faster data integration between systems. Deployed scalable applications to AWS EC2 & S3, enabling high availability and reducing latency during peak usage by 20%.
- Collaborated in Agile sprints, participated in daily standups and retrospectives, ensuring on-time delivery for 100% of assigned user stories.
- Supported backend development and production deployments, resolving critical bugs within 24 hours, maintaining system reliability.

EDUCATION

Master of Computer Applications (MCA)

August 2022

CMR Institute of Technology (CMRIT) – Bangalore, Karnataka, India

Bachelor of Computer Applications (BCA)

October 2018

Sachchidanand Sinha College – Aurangabad, Bihar, India

CERTIFICATIONS

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|---|------|
| • Java, SQL, React, and Problem-Solving – HackerRank | 2023 |
| • Japanese Language Proficiency Test – JLPT N3 (Japan Foundation) | 2024 |

PROJECTS

Search Write – SEO Content Optimization Tool

Developed a lightweight SEO platform supporting internal marketing teams. Enabled keyword analysis, SEO issue detection, content suggestions, and project/task management for better site rankings and lead generation.

- **Role:** Backend Engineer — developed and integrated AI-based content generation features into REST APIs, optimized DynamoDB integration for scalability, documented services with Swagger, and deployed applications to AWS.
- **Tech Stack:** Java, Spring Boot, Python, FastAPI, OpenAI (GPT-4o), LangChain, WebSocket, AWS, DynamoDB
- **Features:** SEO issue detection, keyword analytics, task management dashboard, and User-friendly UX.
- **Improved efficiency:** Improved SEO analysis pipeline throughput by 40% using OpenAI GPT-4o integration, reducing manual content research time and increasing automation efficiency.

Cast Me! – Influencer Marketing Platform

Built an affordable influencer discovery and campaign management platform for SMEs. Implemented review system, seamless influencer-brand matchmaking, and integration with PLAN-B's marketing suite.

- **Role:** Backend Developer — migrated legacy PHP system to scalable Spring Boot REST APIs, enhancing performance, maintainability, and security of the influencer matching and campaign management modules.
- **Tech Stack:** Java, Spring Boot, Spring Security, React.js, AWS, MySQL, PHP, Docker, Postman

- **Features:** influencer discovery tool, review system, and PLAN-B tool integration.
- **Improved efficiency:** Reduced API response time by 35% after migrating legacy PHP services to Spring Boot microservices, resulting in higher system performance and user satisfaction.

Anti-Social Forces Screening App

Built a compliance application to verify that client company and influencers are not associated with anti-social groups, ensuring the company remains compliant with Japanese laws and maintains a safe business environment.

- **Role:** Full Stack Developer — Designed and implemented backend logic and frontend components with external REST APIs integration to enable seamless data flow.
- **Tech Stack:** Java, Spring Boot, React.js, AWS, MySQL, RestAPI
- **Features:** Risk assessment engine, alert system for high-risk profiles, and auto-generated compliance reports.
- **Improved efficiency:** Automated compliance validation workflows, decreasing manual verification time by 60% and ensuring API uptime with >99.9% uptime.

AWARDS

Winner – Code In Dark, INSPIRON 19.0

November 2019

- Secured 1st Place, Frontend Coding Challenge organized by Rakuten at Inter-college Tech Fest.

LANGUAGE COMPETENCIES

- Hindi: native language
- English: fluent (speaking, reading, writing)
- Japanese: intermediate (speaking, reading); basic (writing)