

# KARTHIK VARAD

Bangalore, Karnataka

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## PROFILE SUMMARY

Backend Engineer currently contributing at Publicis Sapient on enterprise backend systems for the Carlsberg project, a global brewery client. Involved in developing and supporting Java and Spring Boot-based applications used in production environments. Works closely with teams to ensure backend stability, smooth deployments, and reliable data handling across services and cloud-hosted infrastructure..

## TECHNICAL SKILLS

**Languages:** Java, SQL, HTML, CSS, JavaScript

**Frameworks:** Spring Boot, REST APIs

**Cloud Technologies:** AWS, Docker

**Tools:** VS Code, IntelliJ, ServiceNow, Jira, GitHub

**Testing & Debugging:** JUnit, Mockito, Postman

## EXPERIENCE

Publicis Sapient | Backend Developer

January 2024 – Present

- Performed root cause analysis (RCA) on critical production issues, restoring application availability and performance.
- Resolved production database issues impacting checkout flow and customer data visibility through safe corrective actions.
- Fixed CI/CD pipeline failures by improving JUnit test coverage and stabilizing build processes.
- Implemented encryption and decryption mechanisms to secure sensitive data in persistent storage.
- Designed and executed Flyway database migration scripts to support schema changes across environments.
- Optimized backend performance by resolving thread starvation and connection pool issues using HikariCP tuning.
- Supported AWS-hosted backend services by fixing environment configuration and routing issues, restoring correct data flow between APIs and UI.

## KEY ACHIEVEMENTS

- Successfully resolved critical production incidents, ensuring application stability for end users.
- Improved backend reliability by addressing performance, database, and CI/CD issues in production environments.
- Strengthened application security by implementing encryption for sensitive data in persistent storage.

## SOFT SKILLS

- Ownership of work
- Team collaboration
- Adaptability
- Meeting deadlines

## EDUCATION

Dayanand Sagar College of Engineering  
Bachelor of Engineering (CGPA: 8.2)

Aug 2019 – Jun 2023  
Bangalore, Karnataka