AKARSH HEGDE

Bengaluru | 8762401426 | akarshbmsit@gmail.com | Akarsh Hegde | Akarshhegde99 | Portfolio

Experience

Oracle Financial Services Software **Aug 2026 – Present**
Associate Consultant *Bengaluru*

- Developing and optimizing backend services for scalable, high-performance banking solutions.
- Building banking site services using Java, Spring Boot, REST APIs, and microservices architecture.

Margros Pvt Ltd **Jan 2026 – Apr 2026**
SWE Intern *Bengaluru*

- Built a full-stack Cricket Screening Pass Entry and Menu Card Landing Page using React, Spring Boot and MySQL.
- Assisted in backend development, debugging, testing and deployment for restaurant solutions.
- Collaborated with developers using Git and Agile workflow while delivering production-ready features.

Projects

OPay – NetBanking World | *Spring Boot, Microservices, Oracle DB, Kafka, Redis, OJET* **GitHub**

- Developed a full-stack digital banking platform using Spring Boot microservices and Oracle JET with JWT-based authentication and secure API gateway routing.
- Implemented independent services for authentication, user management, account operations, transaction processing, and notifications using Oracle Database and Kafka.
- Integrated Redis-based rate limiting, Eureka service discovery, and Prometheus-Grafana monitoring for scalability and observability.

DigiStadium | *React, Spring Boot, MySQL* **GitHub**

- Developed Harvey's Cafe IPL Table Booking System with dedicated User and Admin portals.
- Integrated secure booking, QR-based ticket generation, and real-time reservation management.
- Implemented dynamic IPL match updates and streamlined table booking experience.

SortInsight: Visualizing Algorithms | *Algorithms, JavaScript, Bootstrap* **GitHub**

- Built an interactive web application to visualize popular sorting algorithms in real time.
- Implemented Merge, Quick, Bubble, Selection, and Insertion Sort with step-by-step animations.
- Developed a responsive interface using HTML, CSS, JavaScript, and Bootstrap for algorithm learning.

Technical Skills

Programming Languages: Java, Python, SQL

Development: Spring Boot, OJET, JavaScript, Express.js, Bootstrap, React, Microservices

AI Frameworks: NumPy, Pandas, Scikit-learn, OpenCV

Tools: GitHub, Docker, Podman, Postman, Oracle SQL Developer, Eclipse

Other Skills: OOP, Data Structures & Algorithms, Computer Science Fundamentals, Version Control

Education

BMS Institute of Technology and Management **2022 – 2026**
B.E. Information Science and Engineering *CGPA: 8.96/10*

Viveka PU College, Kota, Udupi **2020 – 2022**
Karnataka Pre-University Certificate *96.00%*

Achievements

- Selected for **Amazon ML Summer School 2025**, among the Top 5% of applicants.
- One of the **Top 5 Finalists** at 0X Hackday Hackathon, Pondicherry.
- Finalist at **DevSprint** for developing a functional website for Government High School, Rajanukunte.
- Awarded **Best Outgoing Student** at Government High School, Halady (2020).