

Harsh Bhandari

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PROFESSIONAL OBJECTIVE

A results-driven full-stack developer with two years of experience in building and deploying scalable, high-performance applications. Expertise in microservices architecture, cloud engineering, and DevOps practices, with a focus on optimizing infrastructure costs and improving system efficiency.

TECHNICAL SKILLS

Programming Languages : Java, Kotlin, Javascript, SQL (Postgres)

Frameworks : Spring, Micronaut, Nodejs, Django, React

Cloud : AWS, Kubernetes, Kafka, Linux (configuring and managing)

Devops : Terraform, GitHub Actions, Prometheus/Grafana, Docker

Tools and Methodologies : Domain Modeling, Agile, TDD

EXPERIENCE

Solution Consultant | Sahaj AI Software Solutions Pvt. Ltd.

June 2023 – Present

- Developed a full-stack resource management portal for supply chain teams, improving resource utilization by 15% and reducing allocation time by 30% across five enterprise locations.
- Spearheaded a centralized SSO implementation for 100 microservices, enhancing security posture and streamlining user management across the entire system.
- Engineered an automated CI/CD pipeline and observability toolchain for a microservices architecture, reducing release cycles by 40%.
- Optimized cloud infrastructure and resource allocation, leading to a 25% reduction in cloud computing costs without impacting performance.
- Led the upgrade of a mission-critical Kafka cluster using rolling replacements, ensuring 100% uptime and data integrity. Also, migrated a 60 TB Kafka cluster from AWS to OCI cloud providers.
- Worked in automotive manufacturing domain which helped in digitalize manufacturing process.
- Improved observability, logging, alerting and recommended architecture changes, lowering MTTR and minimizing customer impact during outages.
- **Technology Stack:** Spring, Next.js, PostgreSQL, Kafka, AWS, Kubernetes

Intern | Sahaj AI Software Solutions Pvt. Ltd.

July 2022 – August 2022

- Developed a react native application which is used in vehicle insurance calculation by automate damage inference and assessment of the cars.
- **Technology Stack:** React native, Fast API

Summer Intern | e-Yantra Summer Internship Programme 2022, IIT Bombay

June 2022 – July 2022

- Worked on an internal project for the e-Yantra Virtual Museum where I had to develop a virtual symposium to host the grand finale of a national robotics competition.
- The system can be configure to host events based on themes and assets provided for the metaverse environment.
- **Technology Stack:** Django, Three.js, Webpack

EDUCATION

Thiagarajar College, Madurai | BE in Electronics and Communication | CGPA: 9.2

June 2019 – June 2023

PROJECTS

Functional Weeder, eYRC, IIT Bombay | [video link](#)

March 2022

- National Winner of the e-Yantra Robotics Competition (IIT Bombay), awarded 1st place in the “Functional Weeder” theme among 3000+ competing teams across India.
- Developed a distributed robotics system for automated weeding, utilizing Raspberry Pi computers and Elixir to coordinate multiple ‘Alphabots’ to perform tasks simultaneously.
- The system featured a Phoenix Framework-based dashboard for real-time event logging and task abstraction.
- **Technology Stack:** Elixir language, Phoenix Web Framework, Robotics