Harsh Bhandari

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PROFESSIONAL OBJECTIVE

Full-stack developer with two years of experience in building scalable cloud-native applications and optimizing infrastructure costs. Skilled in microservices, DevOps, and cloud engineering. Looking to contribute to impactful projects in distributed systems and digital transformation.

TECHNICAL SKILLS

Programming Languages : Java, Kotlin, Javascript, SQL (Postgres)
Frameworks : Spring, Micronaut, Nodejs, Django, React
Cloud/Devops : AWS, Kubernetes, Linux (configuring and managing, Terraform)
Others : Domain Modeling, Agile, Debugging, TDD

EXPERIENCE

Solution Consultant | *Sahaj AI Software Solutions Pvt. Ltd.*   *June 2023 – Present*
  – Built an end-to-end resource management portal for supply teams, reducing allocation turnaround time by 30%, improving utilization by 15%, and supporting enterprise across 5 locations.
  – Implemented centralized SSO, streamlining authentication and authorization across 100 microservices, improving security posture and auditing, and reducing user management effort at each service.
  – Automated the end-to-end setup of infrastructure, self-managed toolchain, and observability for an enterprise resource management system with 100 microservices, enabling seamless deployments with 99.9% uptime, reducing release cycles by 40%, and scaling to support enterprise system.
  – Reduced cloud computing costs by 25% through infrastructure optimization and resource scaling strategies, driving cost efficiency without compromising performance.
  – Upgraded a Kafka cluster in the manufacturing domain, using rolling replacements and Cruise Control to ensure 100% uptime and data integrity for mission-critical production systems.
  – **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 industries to automate inference and assessment of the car damage.
  – **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.
  – Configured multiple Alphabots which use Raspberry PI computer to explore an arena and communicate with one another in a distributed fashion to perform tasks simultaneously.
  – The robots are programmed using Elixir language with a dashboard created using Phoenix Framework logging the sequence of events and remaining abstracted tasks of sowing and weeding.
  – **Technology Stack:** *Elixir language, Phoenix Web Framework, Robotics*