

Harsh Bhandari

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PROFESSIONAL OBJECTIVE

Developer with over a year of experience in full-stack development, specializing in optimizing cloud-based systems and creating efficient, scalable architectures. Seeking opportunities to contribute to innovative software solutions and drive digital transformation.

TECHNICAL SKILLS

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

Frameworks : Micronaut, Nodejs, Django, React

DevOps and API Tools : Git, Docker, Kubernetes, Terraform

Cloud and Security Tools : AWS, Linux (configuring and managing)

Others : Domain Modeling, Agile, Debugging, TDD

EXPERIENCE

Solution Consultant | Sahaj AI Software Solutions Pvt. Ltd.

June 2023 – Present

- Designed and developed an end to end product for supply teams in the service-based IT industry, enhancing resource management and allocation across multiple geographies. The portal provided real-time insights into resource availability and demand trends, enabling informed staffing decisions and streamlining the allocation process for improved efficiency and collaboration.
- Developed a dynamic resource allocation visualization using D3.js, improving resource availability insights and optimizing project planning efficiency by reducing manual effort.
- Simplified authentication and authorization across all services by developing a centralized single sign-on (SSO) mechanism using Keycloak, improving security and user management efficiency.
- Led the end-to-end setup of infrastructure, self-managed toolchain, and observability for an enterprise resource management system with multiple microservices, ensuring seamless deployment, monitoring, and scalability.
- Reduced cloud computing costs by 25% through infrastructure optimization and resource scaling strategies, driving cost efficiency without compromising performance.
- **Technology Stack:** Micronaut, Next.js, PostgreSQL

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 Competition where I had to develop a virtual symposium platform to host the grand finale of the 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 of Engineering, Madurai | BE in Electronics and Communication | CGPA: 9.2 June 2019 – June 2023

PROJECTS

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

March 2022

- 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.
- Winner of the theme Functional Weeder as part of the yearly robotics competition organized by e-Yantra, IIT Bombay.
- **Technology Stack:** Elixir language, Phoenix Web Framework, Robotics