

PRAVEEN NAIR

📞 9114350375 — ✉️ GMAIL — 🔗 LINKEDIN — 🐙 GITHUB

SKILLS

Languages: HTML, CSS, Java, JavaScript, SQL

Technologies & Tools: IntelliJ, Figma, MySQL Workbench, AWS, EC2, S3, Docker, Jenkins, Docker, Kubernetes

EXPERIENCE

ADITYA BIRLA HINDALCO INDUSTRIES LTD

April 2023 – Jun 2024

Information Technology

Tool Tracking System

- I created a tool-tracking system to streamline communication between administrators, employees, and supervisors. Employees can submit tool requests on a platform that routes them to supervisors for initial review. Approved requests then go to administrators, who check inventory and make final approval decisions based on availability and needs. The system provides real-time updates to employees on the status of their requests, ensuring transparency and accountability throughout the process.

PROJECTS

CI/CD Pipeline for Kubernetes-Based Application

may 2024 – Dec 2024

- **CI/CD Automation:** Built an automated Jenkins pipeline to deploy a Java-based application.
- **Docker Integration:** Containerized the application using Docker for consistent environments.
- **Code Quality Analysis:** Integrated Checkstyle and SonarQube to ensure code quality and standards compliance.
- **Maven Build Automation:** Configured Maven to streamline build, test, and package processes.
- **Docker Hub Management:** Managed and pushed Docker images to Docker Hub for easy distribution.
- **Kubernetes Deployment with Helm:** Used Helm to simplify Kubernetes deployments and manage resources.
- **Scalable Infrastructure:** Enabled auto-scaling and reliability for the application in Kubernetes.
- **Load Balancing and Optimization:** Implemented load balancing and optimized resource usage for continuous availability.

Blood Buddy

Jan 2024 – May 2024

- **Web App for Blood Requests:** Designed and developed a web application to help hospitals request specific blood types and quantities in real time.
- **Real-Time Inventory Matching:** Integrated a system that matches hospital requests with available blood bank inventories nearby.
- **Direct Communication:** Enabled direct communication between hospitals and blood banks to improve coordination and streamline logistics.
- **Improved Supply Chain Efficiency:** Enhanced the responsiveness of the blood supply chain, ensuring timely delivery of blood units to patients in need.

CERTIFICATION

- AWS CERTIFIED CLOUD PRACTITIONER (Jan. 2024) [CERTIFICATE](#)
- ADITYA BIRLA HINDALCO INDUSTRIES LTD (June. 2024) [CERTIFICATE](#)
- INTRAIN TECH Summer Internship (August. 2024) [CERTIFICATE](#)

EDUCATION

Vellore Institute of Technology (VIT-AP) Bachelor of Technology in Computer Science

Madnawati Public School

12TH

Vedic International School

10TH

AWARDS AND ACHIEVEMENTS

- Inter-Schools football state silver medallist
- Kho Kho district level