

Bijay Kumar Mishra

Cloud & DevOps Engineer | Java Backend | AWS | Kubernetes | Docker

📍 Pune District, Maharashtra, India 📞 +91-8810862625 ✉️ bm.bijaymsra@gmail.com

🌐 [linkedin.com/in/bijaymsra](https://www.linkedin.com/in/bijaymsra) | 🏠 github.com/bijaymsra | 🌐 bijaymsra.site

Professional Summary

Cloud & DevOps engineer experienced in designing and deploying cloud-native applications using Java Spring Boot, Docker, and Kubernetes. Skilled in microservices architecture, REST API development, and deploying scalable systems on AWS infrastructure. Passionate about automation, distributed systems, and reliable DevOps practices.

Technical Skills

Languages: Java, Python, JavaScript, SQL

Backend: Spring Boot, Node.js, REST APIs, JWT Authentication, Microservices

Frontend: React.js, HTML, CSS

DevOps & Cloud: Docker, Kubernetes (K3s), AWS EC2, CI/CD Concepts

Databases: MySQL, MongoDB

Tools: Git, GitHub, Linux, Cloudflare, Traefik, Nginx

Professional Experience

Freelance — Full Stack Cloud & DevOps Engineer

Apr 2023 – Present

Punjab, India

- Developed backend services using Java Spring Boot with secure JWT authentication and modular REST APIs.
- Built full-stack applications using Spring Boot, React.js, and MySQL enabling efficient API communication.
- Implemented a QR code-based attendance system supporting real-time verification.
- Containerized applications using Docker ensuring consistent deployment across environments.
- Managed development workflows using Git/GitHub and Linux environments.

Projects

Smart Curriculum AI (Attenza)

Aug 2024 – Apr 2025

- Developed a cloud-native academic management platform supporting curriculum tracking.
- Deployed services using Docker and Kubernetes (K3s) with infrastructure hosted on AWS EC2.
- GitHub: github.com/bijaymsra/smart-curriculum-ai

Weatherly — Weather Forecast Platform

Jun 2024 – Jul 2024

- Built a full-stack weather forecasting application using React.js, Node.js, and MySQL.
- Implemented location-based weather visualization with real-time temperature data.
- GitHub: github.com/bijaymsra/weatherly

Plantation Event Management System

Apr 2023 – Jun 2023

- Developed a platform to organize plantation events and manage volunteer registrations.
- Implemented event scheduling, participation tracking, and database management.
- GitHub: github.com/bijaymsra/Plantation-Event

Certifications

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate — Oracle

Nov 2025

Generative AI for IT: Transforming IT with Generative AI — Infosys Springboard

May 2025

Cloud Computing — NPTEL

Jul 2024

MySQL Developer Certification — E-BOX

Jun 2024

Leadership & Activities

- Organized and participated in technical and cultural events at Euphoria demonstrating leadership and coordination.
- Volunteered in National Service Scheme (NSS) initiatives including social welfare and blood donation drives.

Education

B.Tech — Computer Science and Engineering

Expected 2026

Lovely Professional University

CGPA: 8.00

Intermediate — Tilottama English Secondary School

87.5% | 2021

Matriculation — Sanskar Higher Secondary School

82.5% | 2019