# YASHRAJ MANDLOI

## Software Engineer - Fullstack

📞 +91 8770160192    @ er.mandloiyashraj@gmail.com    🔗 https://www.linkedin.com/in/yashraj-mandloi/

## EXPERIENCE

### Software Engineer - Fullstack

**ConsultAdd Services Pvt. Ltd**

📅 05/2023 - 03/2025    📍 Pune, Remote

Software development company focused on providing end-to-end IT solutions

- Designed robust APIs using design patterns to enable seamless data exchange
- Implemented role-based access control, and optimized performance through caching strategies with Redis
- Utilized JUnit and Mockito to implement robust unit and integration tests, achieving 90% code coverage and improving software reliability and development efficiency
- Worked on AWS services like S3, EC2, API Gateway, IAM, Secrets Manager to deploy secure, scalable applications
- Leveraged Terraform for automating infrastructure provisioning and configuration management, reducing manual provisioning time by 70% and enabling zero-downtime releases
- Followed Agile methodologies, such as Scrum for efficient project management
- Collaborated with peers, technical leads, and stakeholders to resolve issues, debug effectively, and drive continuous product enhancements

### Software Engineer - Intern

**Consultadd Services Pvt. Ltd**

📅 09/2022 - 04/2023    📍 Pune, Remote

Software development company focused on providing end-to-end IT solutions

- Developed PC Stat, a lightweight system health monitoring app using React, Express, and MongoDB, tracking CPU, memory, disk usage, and last active timestamps
- Designed a heartbeat-based discovery system to identify online and offline machines across networks
- Protected agent communication with token-based identity validation, ensuring only authorized systems could send heartbeats or receive commands
- Implemented rate-limited, authorized Wake-on-LAN (WoL) logic, enabling autonomous retry attempts from active machines
- Configured MongoDB access authentication, IP whitelisting, and environment-based secrets management

## EDUCATION

### Bachelor of Technology in Computer Science

**Sushila Devi Bansal College of Engineering**

📅 08/2019 - 06/2023    📍 Indore, Madhya Pradesh

## SKILLS

Agile, API Gateway, AWS, AWS Cloud, AWS Services, C/C++, Caching, Docker, EC2, Git, GitHub, IAM, IntelliJ, Java, Java Spring, JavaScript, JIRA, JUnit, Keycloak, MongoDB, Mockito, Next.js, OAuth, Postman, React, Redis, S3, Scrum, Sentry, SpringBoot, SQL, Swagger, Terraform, Visual Studio Code, Microservices, Gateway, Gmail

## PROJECTS

### Inventory Management

📅 01/1970 - 01/1970

An Inventory Management system that optimizes ordering and inventory processes

- Developed an Ordering and Inventory management System based on microservices architecture
- Implemented Eureka Discovery Service and design patterns to enhance reliability and scalability
- Utilized Swagger for comprehensive API documentation and Keycloak for user authentication, ensuring seamless and secure CRUD operations

### Startup Connect

📅 01/1970 - 01/1970

A platform designed to connect entrepreneurs and enhance collaborative opportunities

- Developed a modern web platform for entrepreneurs to pitch ideas, gain visibility, and engage with a collaborative community
- Integrated OAuth-based authentication to enable secure, user-friendly sign-ins and protect user data
- Utilized Next.js and Sanity.io to build a fast, CMS-powered experience with dynamic content management
- Added Sentry for real-time monitoring and error tracking, boosting platform stability and developer insights