

# Mohan Krishna Kandula

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## Objective

Looking for an organization that challenges my abilities and provides great learning in the positions of Software Engineer 2 or Member of Technical Staff 2.

## Education

### BITS Pilani

Bachelor of Engineering in Computer Science

Aug 2017– May 2021

Hyderabad, Telangana

## Technical Skills

**Programming Languages:** Java, C#, Python, SQL

**Frameworks:** SpringBoot, .NET, Android

**Database:** MSSQL, PostgreSQL

**Technologies:** RabbitMQ, Netflix Zuul, Jobrunr, Spark, Elasticsearch, Redis, JUnit, Mockito

**ORM:** Hibernate, JPA, Entity Framework (EF)

**Developer Tools:** Git, VS Code, IntelliJ, Visual Studio, Postman

## Experience

### Everwell Health Solutions

Software Development Engineer 2

June 2021 – Present

Bengaluru, Karnataka

Everwell Hub is a comprehensive web and app enabled **patient management system** designed for healthcare providers to manage patient information, treatments, and outcomes. As a SDE 2, I focus on developing Ni-kshay, a patient management system for TB control in India.

- Led the integration of **ABDM (Ayushman Bharat Digital Mission)** into Ni-kshay. Developed **FHIR-based (Fast Healthcare Interoperability Resources)** APIs for seamless patient health data exchange. ABDM integration has resulted in digitizing health records of 2L+ patients in Ni-kshay.
- Migrated 30+ million patient records from MS SQL Server to PostgreSQL using a high-performance **Spark ETL pipeline**, transforming data across completely different schemas.
- Contributed to the development of **Contract Management Dashboard (CMD)**, a comprehensive system for managing healthcare contracts with private agencies who carry out health care activities. It digitized Contract creation, KPI evaluation, Compliance verification and Invoice generation streamlining operations and enhancing efficiency and transparency in health care contracts across India.
- Introduced Multi-lingual support in **TAS (TB Aarogya Saathi) App**, an **Android app** for Ni-kshay patients. It helped 2L+ users to access the app in their regional languages. Authored a **technical blog** on Everwell's Medium page, expanding on the implementation details.
- Designed and developed **custom UI components** for Ni-kshay's Android app. It has unified the UI and enhanced component re-usability across the application.
- Integrated Azure Application Insights into **Spring Boot microservices**, enabling real-time performance monitoring, failure tracking, and telemetry analysis. Improved error detection and response time, enhancing system reliability and observability.

### Everwell Health Solutions

Software Engineer Intern

Aug 2020 – Dec 2020

Bengaluru, Karnataka

- Led in-depth POC and research on open-source video conferencing platforms to evaluate and integrate a **Teleconsultation** feature into Everwell SaaS.
- **Deployed and self-hosted** Jitsi Meet, an open-source video conferencing platform, on a Linux VM, ensuring high availability, scalability, and secure real-time communication.
- Got familiarized with .NET MVC, SQL server, Android development, and SpringBoot.

## Achievements

- Optimized the cost of data center by eliminating the .NET and SQL server dependency and switched to Java Microservice Architecture.
- Received multiple value awards for unwavering dedication to users, and timely project completion.