Manoj C Choudhary

FULL STACK ENGINEER

Details

Bengaluru
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Links

CBREX Pre-Seed Series Link

LinkedIn

Instagram

Skills

React.js

Writing

Computer Science

Code Review

Leadership

React

jQuery

Docker

Git

JavaScript

Nextjs

MySQL

Firebase

MongoDB

Redis

CSS

Tailwind

Java

Spring Boot

AWS

Jenkins

Profile

Experienced and dynamic Full Stack Engineer with almost 5 years of experience working in fast paced Startup.

DevOps specialist with a proven track record in software development and team management.

Played a pivotal role in pre-seed series funding at CBREX.

Worked on Projects, incorporating ChatGPT Wrapper

Experience

Full Stack Engineer, CBREX, Bengaluru

JANUARY 2019 — OCTOBER 2023

CBREX is the world's largest recruiting firm marketplace managed by a VMS.

Played a pivotal role in pre-seed series funding (https://bit.ly/economictimes-cbrex)

Started out as software engineer and climb up to principal software engineer.

- Developed a service-oriented architecture that improved system modularity and reduced dependencies between components
- Led a team of developers to successfully complete a major software project on time and within budget
- Conducted code reviews and mentored junior developers to improve code quality and ensure adherence to best practices
- Improved database performance through query optimization and indexing
- Designed and developed a cloud-based application that improved system reliability by 97.4%
- Designed and developed a cross-platform mobile application that decreased transaction time by 78% due to instant notifications on jobs and resumes and led to increase in revenue.
- Mentored junior developers.

Some of the Important Projects I worked on

Invoicing Module - Clear Tax Integration

- **Business Need:** Ensure SAAS compliance and e-invoice adherence.
- **Contribution:** Orchestrated collaboration between Product, Accounts, design, Clear Tax, and testing teams. Led a team of 5 developers to deliver a comprehensive invoicing management tool, covering onboarding, dashboard, invoice generation, pro forma sharing, verification, and more. Implemented PDF generation with digital certificates.
- **Tech Stack:** Next.js, Spring Boot, Redux
- **Link:** Invoicing Module

Migration Design + Implementation using AWS Services

- **Business Need:** Achieve 99% Availability, Faster Deployment, and a Fault-Tolerant System.

- **Contribution:** Designed and implemented Application Load Balancer, orchestrated routing between two application target groups in an Auto Scaling Group (Next.js and Struts Application), and established a Jenkins Pipeline for service deployment. Integrated AWS Elastic Cache for session management in the Struts application.
- **Tech Stack:** AWS, Jenkins, Next.js, Struts, Spring Boot, Docker

Complete Rewrite of 3 External Personas from Struts to Next.js + Spring Boot

- **Business Need:** Tech Upgrade for future scale and funding.
- **Contribution:** Established a framework with Redux, Ag-Grid, and authentication for the complete rewrite. Implemented various features for all three external personas.

Tech Stack: AWS, Jenkins, Next.js, Struts, Spring Boot, MySQL

Migration from Manual to Automated CI/CD for Organization using Jenkins

- **Business Need:** Streamlining CI/CD processes for increased efficiency.
- **Tech Stack:** AWS, Jenkins, Docker, make, nginx, apache
- **Link:** CI/CD Migration

Alert Engine using Spring Boot + Debezium

- **Business Need:** Decrease internal operation workload as the organization scales.
- **Contribution:** Built the entire system using Debezium for Change Data Capture (CDC), Big Queue for persisting job IDs, and Quartz for batch processing. Implemented a modular and extendable project structure.
- **Tech Stack:** Java, Debezium, AWS RDS - MySQL, Javascript, Ag-Grid
- **Link:** Alert Engine

Report Service using Spring Boot + Quartz Scheduler

- **Business Need:** Scalable report generation and distribution with proper logging mechanisms.
- **Contribution:** Developed the entire project from scratch, integrating Quartz Scheduler for static and dynamic cron implementation from the database.
- **Tech Stack:** AWS RDS - MySQL, Java, Spring Boot

Notification + Mobile Application in Expo and API Project in Sprint Boot

- **Business Need:** Reduce transaction time for real-time conversations and notifications.
- **Contribution:** Created the mobile app with a framework setup using Redux. Implemented in-application notification with Push Notification and Email Notification. Customized notifications at both company and user levels, enhancing user experience.
- **Tech Stack:** React Native, Expo, Sprint Boot, Firebase, Apple Developer Console
- **Link:** Notification App

Identify and Built Reusable Sub Modules

- **Business Need:** Implement the principle of DRY (Don't Repeat Yourself).

- **Contribution:** Developed reusable sub-modules, including:
    - Dynamic Excel Generator using Apache POI.
    - Email Generation Module using a custom builder pattern with built-in database logging.
    - HTML Report Generator for generating HTML tables, primarily used for embedding in emails.
- **Tech Stack:** Java

Dynamic Form Builder for Screening Candidates
- **Business Need:** Create dynamic questionnaires for recruiters to streamline candidate screening.
- **Contribution:** Developed the complete feature from scratch, covering both backend and frontend. The data generated is utilized by internal AI for enhanced automation.

Tech Stack: Spring Boot, Next.js

Freelance

Wanderly.io Beta
OCTOBER 2024 — DECEMBER 2024
- **Business Need:** Simplify travel planning using AI.
- **Contribution:** Spearheaded the development of the beta version, incorporating a ChatGPT Wrapper for Itinerary Generation with multiple API integrations (ChatGPT, Google Maps API, and Distance Matrix API). Achieved seamless functionality using Firebase, Next.js, Redux, and Redis.
- **Tech Stack:** Firebase, Next.js, Redux, Redis
- **Link:** Wanderly.io Beta

Qualification

Bachelor of Computer Application, Jain University, Bengaluru
2018

Bachelor of Computer Applications with specialization in cloud technology and security with little hint of fun. Build cloud projects using OpenStack for on premise cloud.

References

References available upon request