Manan Raj

B.E. Graduate | Full Stack Software Engineer

+91 7857805206

mrmananraj34@gmail.com

LinkedIn | Hackerrank | Portfolio |

PROFILE

Full Stack Software Engineer and ex-freelancer with over 3+ years of successful experience (as a freelancer) in Web development, Android Development and server management. Recognized consistently for performance excellence and contributions to success in tech industry. Well known with Spring Boot, ReactJS, PHP, Flutter, Jenkins Pipelines and cloud deployment.

WORK EXPERIENCE

JP Morgan Chase & Co

Software Engineer I | Aug 2023 - Present

- Worked on File Movers, Implementation of Splunk for logging and Dynatrace for monitoring, Spring Boot REST Endpoints, Kafka Implementation for receiving messages and Angular to React migration of an application

JP Morgan Chase & Co

Software Developer Intern | Feb – Aug 2023

- Got AWS Certified and worked mostly on Cloud Migration (Kubernetes) of 14 Spring-Boot microservices and react application. Implemented S3 Buckets and light switches for cost saving.

JP Morgan Chase & Co

Software Developer Summer Intern | June – July 2022

- Participated in Code for Good hackathon event organized by JP Morgan Chase & Co and bagged 6-week Internship Opportunity. Worked on concepts of Apache Kafka and implemented Active-Active Kafka on spring boot (load balancing cluster)

Co-Curriculum Experience

National Level Project Symposium

2nd July 2022 | WEBSITE (LINK)

- Presented one of my project **DiscussMates**
- Got 2nd Position for my project.

Smart India Hackathon 2022 | College Level

Website (LINK)

- Worked in a team of 4 and Created a chat bot for ease of navigation of AICTE Website along with flutter application.
- Got 1st position in college level assessment.

Dynamic Hack 2021 | National Level Hackathon

WEBSITE (LINK)

- Developed a Face recognition based seat allocation system for shared-working space and shared-library to allocate seat.
- Auto deduction of amount as per hours was implemented.

College level Technical event conduction

Being a member of college's technical group SARK, me along with my team, conducted 4 events in last 1 year,
Tech Spree: Technical Quiz, CTF – Capture The Flag, Idea Symposium – Idea presentation contest, Cyber Etymology. Developed required software for conduction of these events.

SKILLS

Development
- Java – Spring Boot (Advance)
- ReactJS (Intermediate)
- PHP (Advance)
- SQL (Advance)
- HTML, CSS, JS, AJAX (Intermediate)
- Android & IoT (Beginner)
- Flutter & Dart (Beginner)

IT Construct & Language
- DS & Algo (Intermediate)
- C & C++ (Intermediate)
- Core JAVA (Intermediate)

Databases
- MySQL (Intermediate)
- MongoDB (Beginner)

EDUCATION

B.E. in Information Science
Siddaganga Institute of Technology
August 2023   *8.37 CGPA*

XII, CBSE
Sri Chaitanya School, Visakhapatnam
June 2018   *83%*

X, ICSE
Holy Family School, Bhagalpur
May 2016

ACHIVEMENTS

- One of the **finalists** of JP Morgan Chase & Co, 'Code for Good' hackathon event and bagged an internship chance with company.
- Got Awarded for `**Execution Excellence**` as an employee of JP Morgan Chase & Co
- Attended 5 hackathons till date and developed chosen project within given time. Smart India Hackathon 2022, **college level winner.**
- Actively participated in the conduction of Browse (Technical Event by college's department) and developed 2 web application for the same.

PROJECTS

1. DiscussMates [PHP/JS]

Originally developed in a hackathon (Hackovid), in May 2021, but later modified in March 2022.
Discussmates is a platform where an individual can create an account, ask doubts, and get their doubts solved by other members of the platform. user can create private and public rooms to discuss on a particular topic, can have one to one chats and rate other users too. Once doubt is solved, user can mark the doubt as solved. Made using **HTML, CSS, JS and MySQL, PHP.**
The platform is live here : https://projects.mananraj.co.in/discuss-mates
demo login is : manan : manan

2. Face Recognition Based Attendance System

Made as an open-end project for DBMS Lab (college) using this just set a camera which will be recognizing faces.
When a face is recognized, student's ID is sent to the server over API , where subject is selected as per the date and timings and attendance is marked for that student for the subject which is going on.
Teacher can add subject's routine and timings, attendances will be marked accordingly!
[not 100% accurate but does the job correctly]
AI Part is done on **Python** and the web-panel is **PHP Based web application**
Panel URL : https://open.mananraj.co.in
Teacher & student login : mrmananraj34@gmail.com | manan

3. Swebv Sense – Silkworm Comfort (Flutter+Dart)

An app made for a startup (as Outsourced developer) which senses the temperature and humidity (using their IoT device) and shows the data on application. Various features like setting temperature (and hardware will start AC/Heater/Humidifier/De-Humidifier accordingly), push notifications, etc were added. Works on both APIs and BLE communication with hardware.
Playstore link : https://play.google.com/store/apps/details?id=com.swebv.sense

4. Online Quiz Platform

During the time of COVID, we as a member of team SARK, Our college's department's official technical group thought of conducting a quiz competition for our juniors. So to do so, we needed a platform to conduct the MCQ quiz (aptitude round). Instead of going with online available options, I on the behalf of my Team, worked on this project and created this platform to conduct the quiz. It went well, and we conducted a quiz for **350 students** at Real-time.
Live leaderboard, **result calculation**, marks for quizzes and admin panel to add questions were made.
Link: https://quiz.sitsark.in/
demo login : 1SI19IS033 : 1SI19IS033 (username : password)

5. Library Management System (Web + Hybrid WebView App)

Simple library Management System, made for schools and colleges to manage their college. (local management) features like adding books, adding categories, authors, assigning book to a student, etc are provided. Completely made using core php and mysql nd js, DB connection is made through PdO extension of php.
Project Login : https://projects.mananraj.co.in/library/
Username : admin | Password : admin
Android APK : https://library.mananraj.in/library.apk

6. Push Notification Panel (Firebase + PHP)

Still using One Signal with firebase API to collect tokens and send Push Notifications from websites and applications?
Worry not, Here's a system which works on firebase API, and will save all the tokens on your own database without any limitations. Send unlimited Push Notifications & save as many tokens as you want.
website's link-> https://projects.mananraj.co.in/push
username : admin | password : asdcxz@1239

7. IOT Based GPS Tracker
Designed an APP to show real-time map location based on co-ordinates sent by Our own GPS tracker hardware, made using Wemos Mini D1 Pro as Microcontroller & Neo-6m GPS Module. It is small and compact, and sends location accurately.