Manoj Michael Raj

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🪪 PROFILE

Experienced Full Stack Developer skilled in app development, performance optimization, and seamless deployments. Proven ability to collaborate across teams to implement and integrate new features.

💼 WORK EXPERIENCE

06/2024 – present
Remote, India

Stealth Startup
AI Product Engineer
- Built responsive, dynamic user interfaces using React and Next.js.
- Integrated AI-powered sorting and filtering logic into the UI.
- Collaborated on building a scalable platform for booking venues.
- Assisted in training and integrating a custom AI model for venue recommendation.

11/2023 – 05/2024
Remote, India

ParamInfo(Cobone) ⧉
Jr. Full Stack Developer
- Led the development and maintenance of the Cobone mobile app using React Native, delivering key features and updates.
- Collaborated with designers and backend developers to implement and integrate new features.
- Built and maintained web applications using JavaScript, SASS, and HTML5.
- Published app updates on Google Play Store and Apple App Store.
- Fixed bugs and improved app performance, ensuring a seamless user experience.

03/2023 – 10/2023
Chennai, India

Wipro
Project Engineer
- Developed and maintained enterprise applications using Java and MySQL for scalable solutions.
- Designed database schemas, optimized queries, and managed data effectively.
- Completed four months of full stack training covering Java, advanced SQL, and AWS deployment.
- Built a ticket booking portal "FlyAway" using AngularJS and MySQL (GitHub: FlyAway ⧉).
- Developed an E-commerce portal for food items focusing on user access and login management.

🎓 EDUCATION

08/2018 – 06/2022
Tiruchirappalli, India

B.E Computer Science and Engineering
Saranathan College Of Engineering
Board: Anna University
CGPA: 8.52/10

🧠 SKILLS

- React Native
- Android App Development
- JavaScript
- React.js
- MySQL
- HTML & CSS
- Full Stack Development Java
- Python
- Artificial Intelligence

📁 PROJECTS

01/2022 – 04/2022 — **Capstone Project in Machine Learning using NLP**
- Developed an ML model using **BERT embeddings** to detect and classify fake job postings.
- Applied NLP techniques: text preprocessing, tokenization, and sentiment analysis.
- Fine-tuned model for high accuracy, evaluated with precision-recall metrics.
- Published results in the *International Journal of Innovative Research in Computer and Communication Engineering*.

08/2022 – 11/2022 — **Food Box**
Wipro Training FSD Capstone Project
- Built a food delivery web app using **Java** with **MySQL backend**.
- Implemented modules for browsing cuisines, placing orders, and tracking status.
- Designed a **responsive front-end** with seamless integration of REST APIs.
- Applied **MVC principles** for structured and maintainable code.

07/2021 – 09/2021 — **College Website**
Saranathan College Of Engineering
- Created a dynamic institutional website using **React.js** and **MySQL**.
- Designed sections for departments, announcements, and event updates.
- Ensured **responsive design** and optimized database queries for scalability.
- Added **role-based access** for administrators and faculty.

03/2020 – 07/2020 — **Crime Registration**
Smart India Hackathon
- Developed a complaint registration mobile app using **Java** and **MySQL**.
- Enabled features for complaint filing, secure authentication, and case tracking.
- Implemented database triggers for **automated status updates**.
- Focused on **data security** with encryption and authentication measures.

08/2019 – 11/2019 — **Food Court - Project Expo**
- Designed a food ordering application in **Java** with **MySQL database**.
- Implemented modules for menu browsing, order placement, and receipt generation.
- Applied **advanced database concepts** like normalization and optimized queries.
- Ensured smooth order transactions and efficient database performance.

📚 COURSES

11/2020 – 12/2020 — **Certificate in Ethical Hacking**
MyCaptain
- Learned penetration testing, vulnerability assessment, and ethical hacking methods.

- Hands-on practice with **Kali Linux, Nmap, and Wireshark** for security testing.

03/2021 – 04/2021   **Certificate in Android App Development**
MyCaptain
- Built Android apps using **Java** and **SQLite database**.
- Learned **UI/UX design** in Android Studio with activities, intents, and services.

09/2021 – 09/2021   **Workshop in Bio Informatics**
Computer Society of India
Computer Society of India workshop in "**Bio Informatics**"

🌐 LANGUAGES

English   ● ● ● ● ●   Tamil   ● ● ● ● ●

🎸 INTERESTS

- PC Hardware and Tech   • E-Sports   • Anime