

# JOY SAM RAJ M

Full Stack Developer



+919488990398



joysam1111@gmail.com



Nagercoil, Tamil Nadu



www.linkedin.com/in/joy-sam-raj/

## ABOUT ME

With extensive expertise in full-stack and mobile application development, I bring a cybersecurity-centric approach to my work. Leveraging my skills in Django, React, and React Native, I design and build applications that not only excel in functionality but also prioritize the utmost security. This commitment ensures the protection of valuable data, making the apps I create robust defenses against potential threats. My hands-on experience in these technologies equips me with the tools and knowledge necessary to implement robust security measures, offering clients peace of mind in an increasingly digital world where data protection is paramount.

## SKILLS

### Framework & Libraries

React | React Query | Django | Django Rest Framework | React Native | Tailwind CSS | Material UI | Flowbite | JQuery | Axios | Framer Motion | Expo | Native Wind | React-redux | React-router-dom | Djozer | Java Swing | Redux

### Programming Language

C | C++ | Java | Python | Javascript | Typescript | PHP

### Database

PostgreSQL | SQLite3

### Soft Skills

Time Management | Communication | Adaptability | Problem-solving | Teamwork | Leadership | Public Speaking | Presentation Skills

### Miscellaneous

Linux | Nginx | Git | Jasper Reports | Cyber Security | Docker | Virtual Box | Razorpay SDK | Firebase Cloud Messaging | Inno Setup | Visual Studio | Visual Studio | AWS | Business | Algorithms | Rest API

## INTERNSHIP

Senior Student Coordinator

KHacks, Coimbatore

May 2021 - Jan 2023

KHacks, a Non-Profit Organization, hosts a diverse range of professional development events, including:

- **Executed a process re-engineering** project to enhance and consolidate end-to-end service processes; restructured communication flow among teams, demonstrating technical expertise.
- **Led the development of new processes** and improved inter-departmental communication at KHacks, showcasing technical skills.
- **Organized technical professional development events**, including bootcamps, webinars, and workshops, fostering skill development and knowledge sharing within the community.

These initiatives are geared towards fostering skill development and knowledge sharing within the community.

## PROJECTS

### Kallardo Android

Technologies used : React Native, Typescript, React Query, React-redux, Framer Motion, Tailwind CSS, Axios, Expo, Native Wind, Django, Django Rest Framework, Hostinger, Razorpay, Flowbite React, Git, PostgreSQL, Nginx, Linux. Kallardo is a small scale personal live product, entirely did and maintained me myself. [ [URL](#) ]

### Kallardo Web

Technologies used : React, Typescript, React Query, React-redux, React-routerdom, Framer Motion, Tailwind CSS, Material UI, Axios, Native Wind, Django, Django Rest Framework, Hostinger, Razorpay, Flowbite React, Git, PostgreSQL, Nginx, Linux. Kallardo is a small scale personal live

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### Billing Software V3

Technologies used : Java Swing, SQLite3, Jasper Reports, Virtual Box, Inno Setup Billing Software V3 is a commercial one that I built from scratch and sold individual copy license for certain amount. [ [URL](#) ]

### Billing Software V2

Technologies used : Java Swing, SQLite3, Virtual Box Billing Software V2 is successor of Billing Software V1 with more advanced CRUD and window navigation management. [ [URL](#) ]

## GREATEST ACHIEVEMENT

- Successfully built [www.kallardo.com](http://www.kallardo.com), integrating cutting-edge technologies.
- Utilized Django and Django REST Framework with PostgreSQL for the backend.
- Implemented authentication, authorization, and API throttling to ensure secure access and controlled usage.
- Integrated push notifications for both web and Android platforms, enhancing user engagement.
- Developed the frontend with React, TypeScript, React-Redux, and Tailwind CSS, ensuring a seamless user experience.
- Built user dashboards for three different user types, enhancing personalization and usability.
- Extended the platform's reach to Android users through the [ [Kallardo Mobile](#) ] app built with React Native.
- Achieved secure payment processing using the Razorpay SDK.
- Handled hosting by deploying in Hostinger's Linux VPS.
- Managed backups through AWS using shell scripts.

## EDUCATION

: Computer Science and Engineering                      Ponnaiyah Ramajayam Institute of Science and Technology

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