Joy Sam Raj M
Full Stack Developer

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ABOUT ME

I'm a cybersecurity focused full stack and mobile app developer with a track record of enhancing application security. Managed a process re-engineering project, improving communication flow and consolidating service processes, resulting in a 30% efficiency boost

SKILLS

| Framework & Libraries | React | React Query | Django | Django Rest Framework | React Native | Tailwind CSS | Redux | Flowbite | JQuery | Axios | Framer Motion | Expo | Native Wind | React-redux | React-router-dom | Djoser | Java Swing | Material UI (MUI) | Next.js | GenAI | LangChain | Beautiful Soup |

| Programming Language | C | C++ | Java | Python | Javascript | Typescript | PHP | Assembly |

| Database | PostgreSQL | SQLite3 | MySQL |

| 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 | PhonePe SDK | Inno Setup | Visual Studio | Firebase Cloud Messaging | Algorithms | Rest API | PWA | TWA | SEO | Reverse Engineering | Ghidra | x64 Debugger |

| Cloud Infrastructure & Hosting | AWS EC2 | AWS RDS | AWS S3 | Hostinger VPS |

Experience

Founder and Full Stack Engineer   Jun 2024 - Present

DevDukes Technologies , Bangalore

Founder and Full Stack Developer   Oct 2022 - Present

Kallardo , Bangalore

- Successfully launched www.kallardo.com, integrating cutting-edge technologies and achieving a 200% increase in user engagement.
- Detailed **Software documentation** of the project Kallardo - **URL** .
- Implemented **Django and Django REST Framework with PostgreSQL**, securing access with authentication, authorization, and API throttling.
- Enhanced user engagement by integrating **push notification** on both web and Android platforms, resulting in a 15% boost in user interactions.
- Developed a seamless frontend with **React, TypeScript, React-Redux, and Tailwind CSS**, contributing to a 25% improvement in user experience.
- Engineered custom user **CRM for three user types**, enhancing personalization and usability, resulting in a 30% increase in user satisfaction.
- Expanded platform reach with the [Kallardo Mobile] app built with **React Native**, displayed in the Play Store.
- Ensured secure payment processing with the Razorpay SDK, processing transactions with a 95% success rate.
- Managed hosting on Hostinger's **Linux VPS**, optimizing deployment and achieving 99.9% platform uptime.
- Secured **AWS** S3 based backups using shell scripts, ensuring data integrity and reducing data loss risk by 50%.

- Created almost **50 REST API**'s and **25,000+ lines** of optimized code to enhance platform functionality.

Senior Student Coordinator   May 2021 - Jan 2023

KHacks , Coimbatore

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

- **Instructed over 500+** students in various technical skills.
- **Monitored and developed more than 10+** students in completing their mini projects..
- **Organized 10+** 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.

Software Freelancer   Mar 2021 - Mar 2022

Self-Employed , Kanyakumari

- **Sold customized billing software to 5 clients**, tailored to their specific business needs.
- **Developed and deployed** a secure billing software **immune to cyber security threats**, including SQL injection, bypass attacks, and reverse engineering.
- **Integrated GST and POS functionalities**, streamlining product as a service (PaaS) billing processes - URL.
- **Implemented custom logging system** to enhance tracking and monitoring of application usage and security.
- **Enabled export functionality** for invoices and reports in CSV, Excel, and DOC formats, improving data portability for clients.
- **Received** positive testimonials from clients showcasing the effectiveness of the billing software - URL.

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 scalable 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 product, entirely did and maintained me myself. [URL]

Hostelery Stuff (Android & iOS)

Technologies used : Django, React Native, Expo, PostgreSQL, Nativewind, React Query, Nginx, Axios, Django Rest Framework, Hostinger, Razorpay, . A platform for hostel students to buy and sell used items easily and affordably. Android [URL] iOS [URL]

Billling 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]

Certifications

edX Verified Certificate for Introduction to Cloud Computing   Aug 2022

- Cloud Computing - August   2022

React 18 Tutorial and Projects Course (2022)   Apr 2023

- Reactjs, Udemy - April 2022

The Bits and Bytes of Computer Networking - Google   May 2023

- Netowrking, Google - May 2023

Learn the Art of Hacking Through Programming   Aug 2020

- Cyber Security, Full stack development, Project Management , SNA - August 2020

Learn the Art of Hacking Through Programming an Advanced Course   Sep 2020

- Advanced in Cyber Security (OWASP), Full stack development, Project Management - SNA - September 2020

Reverse Engineering 1: x64dbg Debugger   Jun 2021

- Reverse Engineering, Udemy - June

Docker for the Absolute Beginner - Hands On   Dec 2021

- Devops, Udemy - December 2021