

HARIHARAN G

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PROFESSIONAL EXPERIENCE

EchoMatrix Solutions — Software Developer (Full-time) (Sep 2025 – Present)

Tech Stack: React, Next.js, Flutter, Express.js, Django, PostgreSQL, MySQL, MongoDB

- Lead development of cross-platform Flutter mobile applications and web apps using React and Next.js.
- Built and maintained backend services with Express.js and Django, focusing on modular and scalable API design.
- Managed end-to-end deployment pipelines, integrated REST and GraphQL APIs, and optimized client-server communication.
- Designed and optimized PostgreSQL and MongoDB schemas to handle large-scale data operations.
- Collaborated with clients and internal teams to deliver enterprise-grade applications aligned with business needs.

EchoMatrix Solutions — Freelance Software Developer (Apr 2025 – Sep 2025)

Tech Stack: React, Express.js, MySQL.

- Worked as a freelance contributor, developing mobile and web application components for client projects.
- Assisted in frontend design and backend API integration, ensuring responsiveness and usability.
- Collaborated closely with the core team to gather client requirements and deliver customized solutions.
- Focused on performance optimization and user interface consistency across mobile and web platforms.

Vsoft technologies Pvt Ltd| Product Support Engineer (Oct 2024- Sep 2025)

Environment: Windows Servers, SQL ,Postgres

- Managed and monitored **production servers** hosting digital banking applications, ensuring 99.9% uptime.
- Handled **SQL operations** on production databases to maintain data accuracy and system integrity.
- Coordinated with development teams to deploy updates and resolve live application issues efficiently.
- Worked on **VSoft's digital banking suite**, covering mobile and internet banking, omnichannel integration, fund transfers, and compliance analytics.

Tif Labs | Software Developer (March 2024- May 2024)

Tech Stack: Node.js, Express.js, JavaScript, Selenium

- Developed and managed **Express.js endpoints** and **automation scripts** to streamline backend workflows.
- Implemented **Selenium-based automation** for testing and operational tasks, ensuring system efficiency.
- Collaborated with senior developers to enhance backend scalability and performance.
- Improved logging and error-handling systems for more reliable backend services.

EDUCATION

- **T John Institute Of Engineering**, Bengaluru, India Be-
(computer science and engineering),2024
- **Swamy Vivekanda Vidyalaiya Hr.Sec** , Kadayampatti, Salem, India PCMC-
(intermediate - mpc),2020
- **Swamy Vivekanda Vidyalaiya Matric School**, Kadayampatti, Salem, India Sslc-
(schooling),2018.

PROJECTS

Project Management System — *Echomatrix Solutions*

Tech Stack: React, Express.js, MongoDB.

- **Enterprise project management platform** enabling organizations to manage projects, track tasks and subtasks, generate Minutes of Meeting (MOM), and monitor payments and invoices.
- Designed and developed **frontend modules (React, Next.js, Flutter)** and **backend APIs (Express.js, Django)** with secure **role-based access control**.
- Built **real-time analytics dashboards**, Excel import/export, and integrated a **holiday calendar system**.
- Implemented **responsive design** and optimized database queries for improved system scalability and performance.

ByPass – Modern Visitor Management System — *Echomatrix Solutions*

Tech Stack: Flutter (Mobile), React (Web), Node.js/Express, Prisma ORM, MySQL

- Built a **visitor access control system** that automates check-in/out with **QR code scanning and photo capture**.
- Developed **mobile app (Flutter)** for on-site visitor registration and **admin web dashboard (React)** for multi-organization management.
- Implemented **authentication, role-based access control, and audit trails** for enhanced data security and compliance.
- Integrated **PayU payment gateway** for subscription and billing management.
- Supported **real-time visitor tracking**, analytics, and configurable data retention policies for enterprise compliance.

OnView CTS & eDesk Distributed Capture System — *VSoft Technologies Pvt. Ltd.*

Tech Stack: SQL, Linux, Jenkins, Shell Scripts

- Contributed to the development and support of **OnView CTS (Cheque Truncation System)**, ensuring compliance with **RBI/NPCI grid-based clearing** mandates for faster, paperless cheque settlement.
- Implemented **eDesk Distributed Capture**, enabling **branch-level and remote cheque image capture** with validation, fraud detection, and exception handling.
- **Optimized cheque processing pipelines**, reducing clearing delays and improving transaction accuracy.
- Collaborated with teams to integrate CTS/eDesk with **core banking systems (CBS)** and external applications for seamless data flow.
- Enhanced **audit, archival, and reporting modules** for improved compliance and transparency.
- Provided **production support**, resolving environment, deployment, and configuration issues to maintain high availability.

LinkedIn Job Automation Bot

Tech Stack: Python, Selenium, OpenPyXL.

- Automated the **job application process** by logging in, searching, and applying on LinkedIn based on criteria.
- Integrated Excel tracking for applied jobs, including company, link, and status.
- Implemented robust **error handling** and element waits for consistent performance.

TECHNICAL SKILLS

- PYTHON | FLUTTER | HTML | CSS | JAVASCRIPT | MYSQL | REACT | LINUX |
WINDOWS | AZURE | AWS .