

Rajeswar Sarma

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LinkedIn

PROFILE SUMMARY

Full Stack Software Developer with **5+ years of experience** building scalable, high-performance web applications. Extensive experience with **React.js, Next.js, Svelte, and jQuery** on the frontend, and **NestJS, Express.js, and Sails.js** on the back-end. Multiple projects migrated from **JavaScript to TypeScript**, resulting in improved code maintainability, stronger type safety, and reduced runtime errors. Experienced in cross-framework conversions and modernising legacy systems. Holds a Bachelor's degree in Computer Science from Lovely Professional University.

TECHNICAL SKILLS

Front-end: React.js, Next.js, Svelte, jQuery, HTML, CSS, SASS, Bootstrap, MUI, ANTD

Back-end: Node.js, NestJS, Sails.js, Express.js

Database: Mysql, MongoDB, PostgreSQL

Desktop-app and Other: Electron.js, QT, PHP

PROJECTS

Nasscom Election Portal

Election Portal developed from scratch to meet the client's unique functional and security requirements, with strict **role-based access control** to ensure secure voting, data segregation, and permission operations.

Technologies Used: NestJS, Mysql, ReactJS, Material UI.

- Collaborated closely with the client to design and deliver features like seamless election execution and comprehensive reporting, including winner and summary stats.
- Engineered both frontend and backend to support real-time performance and scalability under electoral loads.
- Delivered a **user-friendly, mobile-friendly** solution used by **3,500+ users**, fully developed and tested within just 3 months strict deadline.

KonarkPro

A multi-tenant time-tracking platform modernised from a **monolithic JavaScript codebase to a modular architecture** using React, NestJS, and TypeScript. Supports both web and cross-platform desktop applications.

Technologies Used: NestJS, TypeScript, MySQL, ReactJS, ReactStrap, SCSS, EJS, SailsJS, jQuery, ElectronJS.

- Migrated the legacy system to a scalable architecture by modularizing the backend with NestJS and modernizing the frontend with React.
- Built and maintained cross-platform desktop apps for Ubuntu, Linux, macOS, and Windows using ElectronJS.
- Used by 3,000+ users across multiple companies, including service-based and product-based firms, with a fully mobile-friendly UI.

FM Integrated

A powerful facility management solution that transformed from an internal utility into a scalable multi-tenant SaaS platform for external enterprise clients.

Technologies Used: NestJS, TypeScript, MongoDB, PostgreSQL, ReactJS, ReactStrap, SCSS, Django, jQuery, AWS (EC2, Load Balancer), Elasticsearch

- Spearheaded modernization by migrating from legacy stacks (Django, jQuery) to a robust architecture using NestJS, React, and TypeScript, with full multi-language support.
 - Architected and managed cloud infrastructure on AWS, leveraging EC2, Elastic Load Balancing, and Elasticsearch for optimized uptime, performance, and real-time search capabilities.
 - Scaled the platform to support 10,000+ users across multiple organizations while maintaining high performance and system reliability.
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EXPERIENCE & EDUCATION

Jellyfish Technologies

Software Engineer

Noida, UP

January 2020 – Current

Lovely Professional University

Bachelor of Technology (CSE)

Phagwara, Punjab

2016 – 2020

ACHIEVEMENTS

Improved Code Standards

Enforced code quality and standardized development practices by implementing ESLint, Prettier, pre-commit hooks, and enforcing strict TypeScript usage across the team, significantly improving code maintainability and reducing production bugs.

Contributed to Team Success

Operated on a USA-based timeline to align with client workflows, providing real-time log monitoring, rapid issue resolution via on-call support, and proactively communicating codebase changes to the team to ensure smooth Git flow and development continuity. Acted as a communication bridge between teams to coordinate feature rollouts, resolve environment conflicts, and maintain sprint momentum.