

# Ripudaman

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## Software Engineer

Results-driven Full-Stack Software Engineer with over 1+ years of experience developing and maintaining scalable, high-performance applications. Proficient in the MERN stack (MongoDB, Express.js, React, Node.js) as well as Nest.js, with a strong focus on optimizing system performance and delivering user-centric solutions. Skilled in agile development practices, effective team collaboration, and consistently delivering high-quality software solutions on time. Proven ability to create seamless front-end and back-end integrations, ensuring reliable and scalable applications across diverse platforms.

## SKILLS

### Technical Skills

- **Programming Languages:** C#, JavaScript, TypeScript, Java, C/C++
- **Frameworks & Libraries:** Node.js, React.js, Nest.js, Next.js, Express.js
- **Web Development:** HTML, CSS, Bootstrap, RESTful Services
- **Databases:** MongoDB, Redis, SQL
- **Tools & Methodologies:** Git/GitHub, AWS S3, Visual Studio, Visual Studio Code, Postman, Swagger

### Soft Skills

- Collaboration & Teamwork, Problem-Solving, Time Management, Adaptability

## WORK EXPERIENCE

Pizone Infotech • September-2023 - Present

### Software Engineer

- **Designed and implemented RESTful APIs** using Node.js and NestJS, smooth integration with the frontend and third-party services.
- **Developed reusable components** with ReactJS and NextJS, improving development efficiency and reducing redundancy across projects.
- **Implemented state management** using Redux and Context API, optimizing data flow and ensuring seamless user experiences across applications.
- **Utilized MongoDB databases** for efficient data storage and management.
- **Deployed and maintained applications** on AWS, ensuring scalability, security, and reliability in production environments.
- **Optimized application performance** by integrating caching solutions such as Redis and leveraging lazy loading for faster page loads and better user experience.
- **Collaborated with cross-functional teams**, including designers, backend developers, and product managers, to deliver well-rounded, high-quality solutions.
- **Managed and maintained version control** using Git and GitHub, ensuring smooth collaboration in a team environment with clear branching strategies.

## Internship • June 2023 - August 2023

- **Improved project efficiency by 90%** through optimized coding practices and efficient development workflows.
- **Spearheaded a feature**, boosting user engagement by **25%** through innovative design and seamless functionality.
- **Built an internal tool** to streamline workflows, cutting processing time by **30%** and enhancing team productivity.
- **Contributed to migrating legacy code**, improving system maintainability and performance.
- **Engaged in Agile development**, actively participating in **daily stand-ups** and **sprint planning** to ensure timely delivery.

## EDUCATION

**Master of Computer Application**(Amity University Noida)

## PROJECTS

Sri Sathya Sai Divyanga Seva– CRM • Pizone Infotech Solutions • 09/2023 - Present

- **Led Backend Development:** Directed the design and implementation of a scalable backend using NestJS, ensuring the system could grow with the project while maintaining clear structure and separation of concerns.
- **Optimized Data Management:** Managed the integration of MongoDB to efficiently handle large datasets of beneficiaries and user profiles, ensuring quick and reliable data access.
- **Directed Media Storage Integration:** Led the integration of AWS S3 for secure and efficient storage of images and audio files, enabling quick retrieval and maintaining data security.
- **Implemented Secure Authentication:** Spearheaded the use of JWT authentication to secure user sessions, ensuring that only authorized users could access sensitive information and services.
- **Data Security and Privacy:** Led efforts to encrypt sensitive user data, ensuring compliance with privacy regulations and protecting personal information from unauthorized access.
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## ADDITIONAL PROJECTS

- **Developed secure, responsive websites** tailored to client needs, integrating backend services using Supabase for efficient data management and seamless user experiences. Focused on delivering intuitive navigation, optimizing performance, and ensuring a secure, scalable platform for each project.
- **Wiring Softwares-** [wiringsoftwares.in](http://wiringsoftwares.in)
- **WISE - Wireless Industry Service Excellence-** [wise.in](http://wise.in)
- **Bala Ji Multi Sales-** [balajimultisales.in](http://balajimultisales.in)
- **PurePath Diagnostics Lab-** [purepathdiagnosticslab.in](http://purepathdiagnosticslab.in)
- **PeakTech Solutions-** [peaktechsolutions.in](http://peaktechsolutions.in)

## INTEREST

- **Development, Open-Source Contributions, Cloud & DevOps, Problem Solving & Optimization, AI and Machine Learning.**