

Ramesh Kumar

Software Developer with 7+ Years of experience

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PROFESSIONAL SUMMARY

Detail-oriented Java Developer with over 7 years of experience in developing high-quality, secure and scalable backend systems. Adept at API design and delivering high-quality solutions that meet business needs.

SKILLS

- Java
- SQL, Postgres, Oracle, MySQL
- Maven
- Agile, Scrum, Unit Testing (JUnit)
- OAuth, OpenID, SAML, JWT
- Spring Boot, Spring Data
- Spring MVC, Spring Security
- Micro Services
- Docker
- Next.js, TypeScript, Tailwind
- Rest API, SOAP, Swagger
- Git, Perforce
- SOAP, Rest API, Swagger, JSON, XML
- Object Oriented Programming
- Angular

WORK EXPERIENCE

Amdocs Canada (Zenith SS)

Software Developer

Jan 2022 - Mar 2024

Toronto, Canada

- Engineered a rollback-enabled tool using NextJS to streamline updating compressed and serialized CLOB database columns, reducing manual effort by 60% and enhancing operational efficiency. Implemented JWT token-based authentication and authorization for secure access.
- Enhanced charge loading efficiency by developing a robust system for bulk charges and tax handling, resulting in a 40% reduction in billing processing time and enabling seamless operational workflows.
- Enhanced the data pipeline to publish and subscribe debit and tax information to and from Google Pub/Sub topic, leveraging Java's concurrent programming capabilities to maximize efficiency and scalability.

Avaya (BETSOL)

Senior Applications Engineer

Sep 2021 - Jan 2022

Pune, India

- Directed the design and rollout of Contract Portal to centralize budget, contract details, expiration dates, and product coverage information. The portal enables support analysts to validate contract terms, accelerating user request resolutions by 5%.
- Formulated and executed a collaborative solution-driven initiative with teams to address and rectify IVR application issues.

Oracle India Private Limited, IDC

Senior Applications Engineer

Mar 2021 - Sep 2021

Hyderabad, India

- Directed the creation and execution of a high-volume transaction reconciliation process at Oracle, automating bulk reconciliation tasks, leading to a 50% reduction in manual effort for end-users.
- Collaborated with cross-functional teams to diagnose and address SQL performance challenges impacting applications, reporting systems, and dashboards.

Amdocs Development Centre India LLP

Software Developer

Aug 2016 - Feb 2021

Pune, India

- Developed Spring Boot-based Automatic Recovery Tool (ART) to identify and address data inconsistencies. ART generates actionable reports and executes remediation actions, resulting in a 25% reduction in operational overhead through improved data accuracy and efficiency.
- Implemented secure and efficient RESTful APIs to facilitate communication between backend and frontend applications.

PERSONAL PROJECTS

- **HomeLab Server:** Designed and built home lab server featuring Proxmox, Docker, NAS, media server, and secure web access with Nginx. This self-hosted ecosystem facilitates efficient development, hosting and personal project management 🌐 (Demo).
- **Personal Portfolio:** Created an interactive personal portfolio website showcasing proficiency in React, HTML, CSS, JavaScript, and Node.js 🌐 (Demo).
- **HelloDog - Discover the World of Dog Breeds:** Created a user-centric web application to exhibit diverse dog breeds; employed vanilla JavaScript, HTML, and CSS to fetch data from a REST API and showcase it in an aesthetically pleasing grid layout 🌐 (Demo).

EDUCATION

Master of Technology in Computer Science

National Institute of Technology

Jun 2014 - Jun 2016

Rourkela, India

Bachelor of Technology in Computer Science & Engineering

Uttar Pradesh Technical University

Sep 2009 - Jun 2013

Lucknow, India