Ramesh Kumar

Software Developer with 7+ Years of experience

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PROFESSIONAL SUMMARY

Highly skilled Java Spring Boot Developer with over 7 years of experience in the telecom and financial domain. Adept at working in agile environments, collaborating with cross-functional teams, and delivering high-quality software solutions. Strong knowledge of microservices architecture, RESTful API development, and cloud technologies.

SKILLS

- **Programming Languages**: Java, SQL, Typescript, JavaScript
- **Frameworks and Libraries**: Spring Boot, Spring Data, Spring MVC, Spring Security, Next.js, React, Angular
- **Database**: Postgres, Oracle, MySQL, MongoDB
- **Tools and Platforms**: Maven, Git, Docker, Perforce, Swagger
- **Others**: Agile, Unit Testing, OOPs, OAuth, OpenID, JWT, Micro Services, SOAP, Rest API, JSON, XML

WORK EXPERIENCE

Amdocs Canada (Zenith SS)   Jan 2022 - Mar 2024
Software Developer   *Toronto, Canada*

- 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.
- Designed and developed bulk charge and tax loading capability, resulting in a 20% reduction in billing processing time and enabling seamless operational workflows.
- Developed the data pipeline to publish and subscribe debit and surcharge information to and from Google Pub/Sub topic, leveraging Java's concurrent programming capabilities to maximize efficiency and scalability.

Avaya (BETSOL)   Sep 2021 - Jan 2022
Senior Applications Engineer   *Pune, India*

- Directed the design and rollout of the 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   Mar 2021 - Sep 2021
Senior Applications Engineer   *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   Aug 2016 - Feb 2021
Software Developer   *Pune, India*

- 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.
- Implemented secure and efficient RESTful APIs to facilitate communication between backend and frontend applications.
- Effectively managed project timelines and coordinated with team members to ensure successful and timely project deliveries.

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   Jun 2014 - Jun 2016
National Institute of Technology   *Rourkela, India*

Bachelor of Technology in Computer Science & Engineering   Sep 2009 - Jun 2013
Uttar Pradesh Technical University   *Lucknow, India*