Nishant Singh

Lead Software Engineer/Architect

Contact

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Skills

SQL integration

Very Good

API design knowledge

Very Good

Architectural pattern development

Very Good

AWS Cloud

Very Good

Java specialist

Very Good

Cloud-based storage

11+ years of expertise in Java technologies and hold wide experience in design, development and maintenance of enterprise applications. Proficient in middleware layer - Web services development, Core Java, Server side Enterprise Java, J2EE Servlets, Spring Boot and Camunda Business Rule Engine. Excellent analytical, high level and low level design and problem solving skills. Extensive experience in developing, enhancing and maintaining web applications. Proficiency in developing secure web applications and server side development using AWS Cloud, Spring Boot. Strong analytical skills with the ability to quickly understand clients' business needs. Involved in discussions with the customer to gather information and requirements. Research-oriented, motivated, proactive, self-starter with strong technical, analytical and interpersonal skills.

Work History

2023-03 - Current

Principal Engineer

Aster Digital Health, Bangalore, Karnataka

Product

- It's E-Commerce(E-Pharmacy) web application for Dubai and Indian market where any user can buy the listed medicines, products and book their doctor appointments. This tool handles the cms, payment, invoicing, delivery and taking care of monitoring parts as well.

Responsibilities

- Provide strong technical leadership to the engineering team, guiding and mentoring software developers, architects, and other team members.
- Drive the development and enhancement of the E-Pharmacy platform, ensuring scalability, security and reliability.
- Design and oversee the implementation of robust and scalable system architectures, considering factors such as performance, availability and maintainability.
- Conduct research and evaluation of emerging technologies, frameworks and tools to identify opportunities for improving the E-Pharmacy platform and staying ahead of the competition.

Very Good

Code versioning - GIT/SVN

Good

Bug investigations

Very Good

Requirement Gathering

Very Good

Code Optimisation

Very Good

- Foster effective collaboration between engineering teams, product managers, designers and other stakeholders to ensure alignment of technical solutions with business goals.
- Orchestrated efficient large-scale software deployments.
- Establish and enforce coding standards, conduct regular code reviews and implement quality assurance processes to maintain high quality code and ensure adherence to best practices.
- Contribute to the development and execution of the company's technical strategy, aligning it with long-term business objectives and market trends.

Environments
- Java 18, Azure Cloud, Magento CMS, Microservices, Spring-boot, REST API, Kafka, JPA, Junit, MongoDB, Elasticsearch DB.

Lead Software Engineer/Architect

2021-09 – 2023-03

Cimpress India, Mumbai, Maharashtra

Product
- It's E-Commerce web application for European market where any user can buy the listed products and print some customised artwork on them. This tool handles the payment, invoicing and taking care of delivery parts as well.
- This product is having multiple legacy codes which are used amongst multiple businesses.

Responsibilities
- Leading the team of 5 developers and 2 testers. I am developing codes, managing the team and supporting whenever they are stuck and driving the new development topics with the Product Owner and UK team for the smooth and quality release
- Developed code using Java and other programming languages to support digital repository frameworks and integrate systems.
- Translated customer and system requirements into robust software design with a test-driven approach.

- Orchestrated efficient large-scale software deployments.
- Reviewed project specifications and design technology solutions that met or exceeded
- performance expectations.

Environments
- Java 8, Python, AWS Lambda, SQS, Dynamo DB, Microservices, Spring-boot, Terraform, REST API, Kafka, JPA, Junit, Snowflake, MongoDB, Magnolia 6.2

2018-10 -
2021-08

Senior Architect

Trexedia Travel Technologies India Pvt Ltd, Bangalore, Karnataka

Product
- SBET is a platform where corporate employee can manage their end to end travel, expenses, advances and invoices. The client can book multiple online services like Flight, Hotels, cabs and Bus and manage their travel related data
- CEMS is a platform where a client can plan for their events and meetings and one back-end team will be available to fulfil their request

Responsibilities
- Leading a team of 10 developers and managing and driving the scrum and working with stakeholders for smooth and quality release
- Consulted with clients to determine functional and spatial requirements of new structure.
- Reviewed project goals and objectives on monthly basis with project manager and design team.
- Attended all team meetings to resolve technical and project issues, coordinate with team members and review project schedules.
- Collaborated with business unit team members to design new applications system to enhance client requirements for mobile computing capabilities.

Environments

- Java 7, Camunda, AWS Lambda, SQS, SES, SNS Microservices, Spring-boot, REST API, Google Dialog Flow, MysqlDB, Primefaces, Thymeleaf

2017-03 - 2018-05

Technical Lead

Traform Inc, Bangalore, Karnataka

Product

- Travel ERP is a common platform where an employee can plan their travel, expenses, advances and invoices. The client can request multiple services like Flight, Hotel, Cab, Train and Bus

Responsibilities

- Leading a team of 4 developers and managing and driving the scrum and working with stakeholders for smooth and quality release
- Defined parameters for technical development tasks such as API and data acquisitions.
- Organized system infrastructure documentation and operating procedures, strengthening controls and enhancing overall performance.
- Oversaw project budgets, milestones and team performance.
- Held final responsibility for architecture, design and implementation of company-wide platforms and applications.
- Investigated and addressed system issues to enhance usability and improve functionality.

Environments

- Java 7, VPC, SES, SNS, Struts, REST API, MysqlDB, MongoDB, Javacript, jQuery

2012-02 - 2017-03

Senior Developer

CSR Pvt LTD, Bangalore, Karnataka

Product

- EMS & SMS are a generic plugins that can be associated with any online booking tool & some client customization after that it handles all customer

- & associates conversations on one platform and distributes the customer requests according to associates loads.
- MICE is a common platform where a corporate or their employees can manage their meetings, seminars, team lunch, events etc.
- Involves development of social CRM software product for product sales and marketing. Work on Integration with social networking sites such as LinkedIn, Facebook, Twitter, Google Drive, Sky Drive

Responsibilities

- Development of Server Side & Client Side.
- Designed updates to existing software to meet changing customer demands.
- Adjusted design parameters to boost performance and incorporate new features.
- Produced robust, accurate code that minimized production issues.
- Writing MySQL queries and Mongo DB queries like Map Reduce coding for dashboards

Environments

- Java 6, VPC, SES, SNS, Struts, REST API, MysqlDB, MongoDB, ElasticsearchDB, Velocity, Javacript, jQuery, HTML, CSS

Education

2006-08 - 2010-06	**B.Tech: C.S.E** *Uttar Pradesh Technical University*

Certifications

2022-01	AWS Training Certification