Ravindra Sharma

# Senior Software Engineer

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 **Skills**

Angular, React, Java 8,

# Professional Summary

Dedicated and hardworking software engineer with a demonstrated history of working in the software technology and services industry. Skilled in designing, developing, and managing complex software systems. Strong engineering professional with a Bachelor of Technology (B.Tech) focused in Computer Science and a Master of Technology (M.Tech) focused in Computer Science and Engineering.

# Work Experience

**Senior Software Engineer** Contec Global, New Delhi, DLI September 2022 - Present

* Optimized backend architecture for banking web applications, achieving a 80% performance boost and signicantly incrementing user experience.
* Enhanced security measures by implementing robust biometric data protection, achieving a 90% reduction in breaches and

ensuring full compliance within 6 months.

Springboot,Hibernate,Microservices,DataStructures,Collections,Design

Patents, algorithms , Multithreading , Kafka , Pulsar , RabbitMQ, Node.js, Swift, J2EE, SQL,

PostgreSQL, MongoDB, AWS, GCP,

Machine,GraphQL,Next.js, Learning, AI, IoT (Internet of Things), JavaScript, AngularJS, HTML5, CSS3,

Selenium, Objective-C, Project Management, Team Management, Docker, Kubernetes, JDBC, JSP, GraphQL, REST, Strategic Planning, Conflict Resolution Resolution, Python, Ruby, Git, Maven ,Linux(Advanced), PHP Laravel / Symfony, React.js, Angular.JS, MySQL,Generative AI,Power BI,build scalable services,Junit

# Education

* Enriched application performance through server-side rendering, resulting in a 50% decrease in page loadtimes, sweetening user experience.
* Implemented AWS Lambda to deploy serverless applications, enhancing scalability and reducing deployment time by 50%.

Responsible for architecting and building high scalable platform & native cloud initiatives in the area of Machine Learning, AI & IOT Experience in executing project with SCRUM/Agile methodology

* Extensive experience in setting up, configuring, and maintaining Apache web servers on various Linux distributions, ensuring secure and optimized performance for high-traffic websites.

**Senior Software Engineer** Sudrania Fund Services June 2021 - September 2022

* Engineered and optimized backend web application development, enriching performance by 50% and enhancing user experience.
* Delivered high-quality software solutions that enhanced

operational efciency by 80% and added on user satisfaction ratings signicantly. Developed a scalable application using Node.js that added system performance by 90%, enhancing user experience for over 10 million active users.

* Executed a microservices architecture with Java, reducing deployment time by 50% and increasing team productivity by 50% across multiple projects.

## MTech in Computer Science

Bits Pilani, Pilani , Rajasthan, India

Graduated: May 2012 CGPA: 8.0/10.0

**BTech in Computer Science** IT-BHU , Varanasi, Uttar Pradesh, India

Graduated: May 2010 CGPA: 8.0/10.0

## Certificates

CJP-Certied Java Programmer,PMP, Agile Practices

## Achievements

* + Crypto Site Web Application Award, Shopify - Best Revenue Site award from Idemia, Biometric Solutioning Expert - UIDAI,
  + AWS Certied Developer - Associate, Google Certied Professional - Cloud

Architect, Mentor at CueMath Coding

and load balancer on Linux servers, enhancing web application scalability and performance with efficient resource utilization.

* + - Architected a data processing pipeline in Python that handled 1M+records daily, leading to a 40% increase indata accuracy and reporting efficiency. Optimized legacy code in Java to enhance system reliability, achieving a 60% reduction in downtime and contributing to a 40% increase in customer contentment scores
    - Driven Agile SDLC process, CI/CD integration through the product and service life cycle Cloud Computing & Big Data ML Technologies

## Software Engineer

Idemia Private Limited • Noida,UP May 2012 - May 2021

* + - Executed and led multiple projects in Biometrics and Card

solutions, enhancing operational efciency by 100%

* + - Applied secure identity services and integrated advanced authentication mechanisms, enhancing systemintegrity and reducing security breaches by 90%.
    - Developed a scalable web application using Node.js, enhancing system performance by 100% and reducingserver response time to under 100ms.
    - Enforced machine learning algorithms in Python, which helped in predictive analytics accuracy by 80%,driving 50% in additional revenue growth.
    - Optimized existing codebases with Node.js, resulting in an 80% reduction in maintenance time and enhancement of overall team productivity by 100% through streamlined processes.

# Projects

**Full Stack Developer, E-commerce Retail Nigeria,NowNow Summary**: Led the development of NowNow, a retail mobile app that enhances shopping experiences with features like personalized recommendations, real-time inventory updates, and seamless online ordering. Utilized React Native for cross-platform development, ensuring a smooth and responsive user interface on both iOS and Android devices. Implemented a Node.jsand Express backend to handle API requests, and integrated with

AWS services for scalable cloud infrastructure. Collaborated with a team of five developers, utilizing Agile methodologies to deliver features in sprints and ensuring timely project completion.

## Key Achievements:

Led the development of NowNow, a cross-platform (iOS and Android) mobile retail app using React Native, enhancing the shopping experience with personalized recommendations, real-time inventory updates, and seamless online ordering.

Migrated the backend infrastructure to PHP 8.x(Laravel 9,10/Symfony) to leverage existing resources and

potentially improve performance/scalability for the Nigerian market. ("Performance resulting in a 15% improvement in API response times").

Developed a comprehensive admin dashboard using Angular 10,14 and 17 to manage products, orders, users, and other key aspects of the platform.

Integrated the application with a MySQL database for efficient data storage and retrieval.

Collaborated with a team of five developers using Agile methodologies, delivering features in sprints and ensuring timely project completion. (Mention specific Agile practices used: e.g., Scrum, Kanban).

## Senior Angular Developer, Seamless Crypto Site Project, Sudrania Fund Services

**Summary:** Developed a seamless crypto platform enabling users to lend, borrow, and trade various cryptocurrencies with integrated liquidity markets (ILMs). Utilized smart contracts on the Base blockchain to automate borrowing strategies and ensure high capital efficiency. Implemented user-friendly interfaces for seamless cross-chain transactions and integrated with Coinbase for real-time updates. Designed and developed scalable backend services using Spring Boot to handle API requests and business logic. Collaborated with a team of developers to deliver a robust and scalable solution, enhancing user experience and security.

## Key Achievements:

Developed a seamless crypto platform enabling users to lend, borrow, and trade various cryptocurrencies with integrated liquidity markets (ILMs).

Designed and integrated a scalable microservices architecture using Java and Spring Boot to handle high transaction volumes and user concurrency, supporting over 10,000 concurrent users.

Developed secure and efficient transaction processing systems using Java-based microservices, ensuring the integrity and speed of cryptocurrency transactions, resulting in a 20% reduction in transaction processing time.

Implemented user-friendly interfaces for seamless cross- chain transactions using React and Angular, providing a responsive and intuitive user experience.

Integrated with Coinbase for real-time market data updates, ensuring users have access to the latest information.

Utilized smart contracts (Solidity) on the Base blockchain to automate borrowing strategies and ensure high capital efficiency.

Employed PostgreSQL for robust data management and transaction integrity, ensuring reliable and consistent data storage.

Collaborated with a team of developers using Agile methodologies, delivering features in sprints and ensuring timely project completion. Utilized specific Agile practices such as Scrum and Kanban.

Implemented unit and integration testing using Jest and Mocha to ensure code quality and reliability.

## Senior Full Stack Developer, AEPS Savings/Salary/Staff Account Application for SBI Bank

**Summary:** Developed and maintained the Savings/Salary/Staff Account application for SBI Bank, utilizing Node.jsand Express.jsfor backend development and Angular 7, Angular Material, and Bootstrap for the frontend framework. The application handles various account-related functionalities and ensures smooth customer interactions through a responsive user interface. Used MySQL for database management and Git for version control.

## Key Achievements:

Developed and maintained the Savings/Salary/Staff Account application, ensuring smooth customer interactions through a responsive user interface.

Developed the backend using Java and Spring Boot to enhance security, scalability, and maintainability. ( Used Node.js/Express, for the migration and rationale).

Implemented UI components using Angular, Angular Material, and Bootstrap, creating a user-friendly interface.

Utilized PostgreSQL for efficient data storage and retrieval, ensuring data integrity and security.

Managed the project repository using Git, ensuring proper version control and collaboration among team members.

Developed and maintained REST APIs to handle customer inputs and provide responses to the frontend.