

Preety Sethi

Full Stack Java Developer

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Full Stack Developer with 5+ years of extensive experience in design, development, and implementation of Mobile, Web-based and Client-server applications specializing in front-end and back-end development, proficient in Java and JavaScript. Recognized for the development of the Top Innovation Banking Mobile App for the Commercial Bank of Qatar. With experience I adapt at problem-solving and mastering new technologies. Skilled in designing, debugging, and delivering high-quality, scalable solutions for businesses. Excel in collaborative environments, thrive on learning new skills, and adept at finding solutions to complex problems.

EXPERIENCE

Java Developer

Nair Systems LLC

July 2020 – Dec 2023

API Development:

- Contributed to the architecture and implementation of RESTful APIs using Spring Boot and Spring Cloud, improving data processing efficiency by 20%.

Java Application Development:

- Designed, developed, and deployed high-performance Java applications in collaboration with cross-functional teams in an Agile environment, leading to a 15% increase in application performance.
- Ensured efficient data storage and retrieval using Hibernate ORM for Oracle databases.
- Backend Integration with JSP, Servlets, and JSTL: Designed and developed robust web applications using JSP, Servlets, and JSTL. Implemented MVC architecture to separate concerns and improve maintainability.

Database Interaction:

- Worked on JDBC for database connectivity, executing SQL queries to retrieve and manipulate data. Ensured efficient data management and optimized query performance.

Collaboration and Agile Practices:

- Worked closely with product owners and stakeholders to gather and understand business requirements, translating them into technical specifications and high-level designs.
- Participated in daily stand-ups, sprint planning, and retrospectives, contributing to team collaboration and project success.

Code Quality and Best Practices:

- Conducted thorough code reviews to ensure code quality, performance, and scalability.
- Implemented best practices in coding and design, developed and executed unit tests, integration tests, and end-to-end tests.
- Debugged and resolved complex technical issues efficiently.

Modern Software Architecture and DevOps:

- Worked on modern software architecture patterns such as CQRS.
- Leveraged CI/CD pipelines and tools including Jenkins, Docker, and Kubernetes.
- Utilized version control systems, particularly Git, to manage code and applied DevOps practices and infrastructure to streamline development and deployment processes.

Product Architecture and Technical Leadership:

- Contributed to product architecture design and testing under technical leadership.
- Actively participated in hands-on implementation with the team, aligning with good engineering practices and coding standards.
- Collaborated with stakeholders on user requirements and feedback for features.

Client: Al-Koot Insurance and Re-insurance (On Site) Jan 2023-Dec 2023

Project - Full Stack Java Development:

- Developed an Anti-Money Laundering (AML) system using Spring MVC, JSTL, JSP, and Servlets.
- Designed and implemented Oracle Database schemas and PL/SQL procedures.
- Collaborated with cross-functional AML team to meet compliance requirements.
- Improved system performance and scalability.
- Conducted code reviews and optimized existing codebase.
- Integrated third-party APIs for enhanced data analysis.
- Provided technical support and troubleshooting for AML system users.
- Participated in regular team meetings and contributed to project planning and execution.

- Client: Commercial Bank of Qatar, Mobile App Project (On-site) Jul 2020 – Oct 2021

Android Application Development:

- I contributed to UI enhancements, developed Cheque Scanning feature and implemented Qpay.
- Recognized with The Top Innovation in Mobile Banking Award in the World 2023 by Global Finance.
- I played a pivotal role in the development and implementation of CBsafe ID, Qatar's pioneering digital security service at CBQ, recognized by Global Finance for innovation in 2022, with the feature being utilized approximately 7,000 times monthly
- I consistently ensured high customer satisfaction through responsive support, user-friendly enhancements, and innovative digital security solutions like CBsafe ID and Cheque Scanning.

Career Break

Professional Development

- *Jan 2020 – Jun 2020 / Qatar*
 - Focused on upskilling in the latest software development technologies and practices, including advanced Java techniques and cloud computing skills.

Software Developer

SimplistQ Solutions

Jun 2019 – Dec 2019 / Doha, Qatar

- Android Development
 - Developed robust Android applications using Java and native Android SDK.
 - Implemented efficient data storage with SQLite and ORM tools.
 - Optimized application performance through clean Java code and best practices.
 - Integrated RESTful web services and managed JSON data.
 - Designed and implemented location-based features and complex UI components.
 - Implemented notifications, crash analytics, and log management for Android apps.
 - Engaged in continuous learning to improve app performance and user experience.

Java Development

- Developed backend services and APIs for seamless integration with Android front-ends.
- Applied Java-based security frameworks to enhance application security.
- Actively learned and applied new Java technologies to improve app performance.

Database Development

- Developed MySQL databases and optimized queries for performance.
- Enhanced MySQL procedures, functions, and triggers for business logic implementation.
- Integrated MySQL with Java applications for data storage and retrieval.
- Continued learning and application of MySQL best practices for efficient data management.

Career Break

Personal Development

- *May 2018 – Jun 2019 / Qatar*
 - Took a break to manage personal commitments and settle in a new environment. Engaged in self-study and exploring emerging technologies.

Software Developer

Absolute Integration and Technologies Pvt. Ltd

*Aug '15 — May '18
Bengaluru, India*

- Designed and developed web applications using Java and Spring Framework, gaining practical experience with JPA
- PL/SQL Development:
 - Maintained and enhanced PL/SQL procedures, functions, packages, and triggers to implement complex business logic.
 - Customized and optimized Oracle reports to meet specific business requirements.
 - Developed and maintained custom Oracle applications, ensuring efficient data handling and retrieval.
- Java Development:
 - Assisted senior developers in the development and maintenance of enterprise Java applications, gaining hands-on experience with the Spring Framework and JPA (Java Persistence API).
 - Designed and developed robust web applications using J2EE technology, adhering to industry standards and best practices.
 - Implemented front-end designs using CSS, jQuery, and HTML to ensure a responsive and user-friendly interface.
- Database Management:
 - Developed Data Access Objects (DAOs) to facilitate seamless database interactions and ensure data integrity.
 - Worked with Oracle PL/SQL to write complex queries and optimize database performance.
 - Gained experience in debugging and resolving technical issues, ensuring smooth application performance. Continuously learned and applied new technologies and frameworks to improve application development processes.

SKILLS

Programming Languages Java, JavaSE, JavaScript, JSP, Servlets, JSTL, JPA, Cloud Services, Google Cloud, Android, Python, C#, ASP.NET, ADO.NET, jQuery, HTML, CSS, SCSS, JSON, Bootstrap, Junit, XML, JDBC, Java Persistence API, Spring MVC, Hibernate, SQL, MySQL, PL/SQL, Agile, Material Design

Soft Skills Effective Communication, Project Plans, User Requirements, Engineering Process, Customer Value, Microsoft product teams

Cloud Platforms: Azure, Google Cloud Platform

PROJECTS

Cyber Wizard Technologies and Pvt Ltd, Bhubaneswar, India

Sep '14 — Jun '15

- Gained foundational experience in low-level programming and system integration tasks using C#, and .NET technologies.
- Developed robust backend functionalities using C# and ASP.NET, ensuring seamless integration with frontend components.
- Utilized ADO.NET for efficient data access and manipulation in web applications, optimizing database performance and ensuring data integrity
- Designed and implemented scalable web solutions using ASP.NET, contributing to improved user experience and application performance.
- Collaborated with cross-functional teams to design and develop enterprise-grade applications, adhering to coding standards and best practices in C# and .NET technologies.

EDUCATION

Executive M-Tech in Computer Science (Cloud Computing), Indian Institute of Technology

Mar '24 — Dec '26
Bihar, India

- **Topics Covering:** Python, Data Warehousing and Mining, Cloud Security.
Additionally, enriching skills by learning Python within the scope of cloud computing applications, applying principles of scalability, reliability, and security in cloud-based applications.
- Skills:
 - Cloud Security Machine LearningDatabase Skills
 - DevOps
 - **Tools:** Google App Engine, Microsoft Azure, R and RStudio, Hadoop, Pig & Hive Subjects:
 - Foundations of Computer Systems Mathematical Foundations for Cloud
 - ComputingAdvanced Design & Analysis of Algorithms Cloud Computing
 - Architecture (Azure)
 - Data Warehousing & Mining Cloud Computing &
 - VirtualizationPython for Cloud Computing
 - Application Development FrameworkDistributed Systems
 - Service Oriented Architecture

B-Tech in Computer Science and Engineering, Gandhi Institute for Technological Advancement (CGPA 7.8)

CERTIFICATIONS

Google Cloud Certification
Google

Oracle Certified Associate Java SE 8
Oracle