KHUSHBOO KUMARI

Senior Java Developer @ 4 years 7 months of experience
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About Me

Passionate and adaptable Java Software Engineer with 4+ years of experience in designing, developing, and implementing backend systems using Java, Spring Boot, Microservices, and APIs. Proven ability to contribute to scalable and efficient applications. Strong teamwork, problem-solving, and communication skills, eager to learn and grow within a dynamic environment.

WORK EXPERIENCE

Senior Java developer

ISOCRATES MADTECH WISELY   *March 2024 - Present*

- Utilize Airbyte platform for data integration, leveraging pre-built connectors and potentially developing custom connectors
- Implement RESTful APIs using Airbyte's API connectors to establish secure data pipelines - Ensure data security through Airbyte's functionalities
- Leverage Docker for containerization, enabling consistent development, testing, and deployment environments
- Collaborate with DevOps engineers to establish and optimize CI/CD pipelines
- Develop APIs using Node.js and Java, implementing JWT-based authentication
- Work on grouping connectors and storing their details using Hibernate and PostgreSQL

Java Software Engineer

KINFOTECH SOFTWARE PVT LTD   *Sep 2022 - Mar 2024*

- Designed and implemented scalable Microservices architecture, enhancing system performance by 30%
- Developed RESTful APIs adhering to industry best practices, reducing development time by 20%
- Implemented JWT-based authentication, ensuring secure communication between services
- Collaborated on Git-based version control, optimizing team collaboration efficiency by 25%
- Followed Agile Software methodologies for development
- Created and maintained software automation and deployment using AWS, reducing deployment time by 40%
- Implemented caching mechanisms, resulting in a 50% reduction in database load during peak hours

Software Developer

ZOXIMA SOLUTION PVT LTD   *Jan 2022 - Sep 2022*

- Spearheaded Java development initiatives, consistently delivering high-quality, well-documented code
- Implemented efficient database interactions using SQL, optimizing data retrieval and manipulation processes by 35%
- Led the design and implementation of RESTful APIs, facilitating seamless communication between application modules
- Contributed to the development of a new e-commerce platform, focusing on inventory management and order processing systems
- Implemented unit and integration tests, increasing code coverage by 40%
- Optimized application performance, resulting in a 25% reduction in page load times

Associate Software Engineer

ABWEB INFOTECH   *Jun 2020 - Jan 2022*

- Actively contributed to Java development projects, writing well-documented and efficient code under senior mentorship
- Gained hands-on experience with Java programming, refining skills in data structures, algorithms, and object-oriented design
- Collaborated with cross-functional teams, participating in meetings to understand project requirements and contribute to problem-solving sessions
- Developed and maintained Java-based web applications using Spring MVC and Hibernate
- Implemented responsive UI designs using JavaScript and Angular, improving user experience

- Assisted in database design and optimization, creating efficient schemas and stored procedures
- Participated in code reviews, continuously improving coding standards and best practices

ACADEMIC QUALIFICATIONS

Gandhi Institute of Engineering and Technology, Gunupur   Gunupur, Odisha
Master in Computer Application   *8.94 CGPA, 2020-2022*

Ganga Devi Mahila College, Patna   Patna, Bihar
Bachelor of Computer Application   *71%, 2017-2020*

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL
Frameworks: Spring Boot, Hibernate, JPA, Angular, Node.js
Databases: MySQL, PostgreSQL, MongoDB
Tools & Technologies: RESTful APIs, Microservices, Spring Security, Git, AWS, Docker, Postman, Agile Scrum

PROJECTS

- **ISOCRATES MADTECH WISELY [Data Integration Platform] || Role:** Senior Java Backend Developer
  Technologies: Java, Spring Boot, Node.js, RESTful APIs, JWT, Hibernate, PostgreSQL, Airbyte, Docker, DevOps
  Duration: six months
  - Spearheaded the development of a custom data integration platform leveraging the open-source **Airbyte framework**
  - Designed and implemented **RESTful APIs** using both **Java (Spring Boot) and Node.js,** ensuring a flexible and scalable backend architecture
  - Extensively utilized **Docker** for containerization, enabling consistent development, testing, and deployment environments
  - Created and maintained Docker images and Docker Compose files for the entire application stack, ensuring seamless integration of all services
  - Implemented Docker-based development workflows, significantly improving team productivity and reducing environment-related issues
  - Orchestrated multi-container Docker environments to simulate complex microservices architectures during development and testing phases
  - Developed a robust authentication and authorization system using JWT tokens, enhancing platform security
  - Created a workspace **API** using **Node.js,** facilitating efficient management of user workspaces and improving overall user experience
  - Engineered an innovative API for grouping connectors using Java, streamlining the organization and utilization of various data connectors
  - Implemented **Hibernate ORM** to efficiently store and manage connector details in PostgreSQL, optimizing data persistence and retrieval
  - Collaborated closely with DevOps engineers to establish and optimize CI/CD pipelines, integrating Docker into the deployment process
  - Pioneered a novel approach to run the application without relying on .env files, enhancing security and simplifying deployment processes
  - Conducted code reviews and mentored junior developers, promoting best practices in API design, security implementation, and Docker usage
  - Implemented comprehensive logging and monitoring solutions within Docker containers to facilitate easier debugging and system health checks
  - Optimized database queries and implemented caching mechanisms to improve overall platform performance
  - Developed and maintained detailed API documentation and Docker configuration guides, facilitating easier integration and usage for clients and partners

- **Wanderu Bus, USA** [Bus Booking Application] **|| Role:** Java Software Engineer
  Technologies: Java, Spring Boot, Hibernate JPA, RESTful APIs, Spring Security, AWS, iText PDF
  Duration: 2 year
  - Implemented a robust **Spring MVC architecture**, ensuring clear separation of concerns and enhancing maintainability
  - Designed and developed **RESTful API** endpoints using **Spring Boot,** facilitating seamless integration with front-end systems
  - Integrated **Hibernate JPA** for efficient **Object-Relational Mapping**, optimizing database interactions and enhancing data management

- Implemented a secure authentication system using **Spring Security and JWT tokens**, ensuring protected access to sensitive information
- Developed a ticket generation feature using the **iText PDF library**, creating visually appealing and informative e-tickets for users
- Utilized Spring profiles for environment-specific configurations, streamlining deployment across development, testing, and production environments
- Deployed the application to **AWS QA** environment, ensuring smooth transition between development and testing phases
- Implemented comprehensive **exception handling strategies,** enhancing the overall stability and user experience of the application
- **Integrated email and SMS services** to improve user communication and engagement within the application
- Successfully integrated a sandbox account for the **payment gateway**, facilitating secure and seamless transactions
- Generated detailed **API documentation** using **Swagger**, facilitating easier integration for other developers and teams
- Implemented **data validation** using the Spring Validation library, enhancing data integrity and improving user input validation
- Conducted thorough **API testing** using **Postman**, ensuring reliability and functionality of all developed endpoints

- **PrincePipe , India** [E-Commerce Platform] || **Role:** Software Developer
  Technologies: Java, Spring Boot, Node.js, RESTful APIs, MySql
  Duration:9 months
  - Developed a comprehensive e-commerce platform for pipe products, focusing on inventory management and order processing -
  - Implemented a responsive front-end using **Angular**, ensuring optimal user experience across various devices
  - Designed and developed **RESTful APIs** to facilitate seamless communication between front-end and back-end systems
  - Created an efficient inventory management system, including real-time stock updates and low-stock alerts
  - Implemented a secure user **authentication** and **authorization** system using **Spring Security**
  - Developed a robust order processing workflow, including order placement, **payment integration**, and order tracking
  - Integrated with multiple **payment gateways** to provide diverse payment options for customers
  - Implemented an advanced search and filtering system to enhance product discoverability
  - Created an admin dashboard for managing products, orders, and customer data
  - Optimized database queries and implemented caching mechanisms to improve application performance
  - Conducted unit and integration testing to ensure high-quality code and minimize bugs

- **Yokohama, Japan** [E-commerce Solution] || **Role:** Backend Developer
  Technologies: Java, Spring Boot, Node.js, RESTful APIs,Hibernate, PostgreSQL, Microservices
  Duration:1.8 months
  - Contributed to the development of a scalable e-commerce solution tailored for the Japanese market
  - Designed and implemented microservices architecture to enhance system modularity and scalability
  - Developed RESTful APIs for product management, user authentication, and order processing
  - Implemented internationalization and localization features to support multiple languages and currencies
  - Created a recommendation engine using collaborative filtering to enhance user experience and increase sales
  - Integrated with local payment systems and shipping providers specific to the Japanese market
  - Implemented a distributed caching system using Redis to improve application performance
  - Developed a content management system for easy product catalog updates and management
  - Implemented robust logging and monitoring systems to facilitate easier debugging and system health checks
  - Containerized the application using Docker, ensuring consistent deployment across different environments
  - Participated in code reviews and contributed to the development of coding standards and best practices

ACHIEVEMENTS

HackerRank Certified Java (Basic)	Best Employee Award for March 2023
Associate Software Engineer Completion Certificate	HackerRank Certified SQL (Basic)