Vishal Savle

Software Developer

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Professional Experience

VK Techno Solutions   September 2023 - January 2024

Java Developer Intern

Project: Task Management

During my tenure as a Java Developer Intern at VK Techno Solutions, I actively contributed to the Task Management project,focusing on enhancing user experience and security.

• Engineered and implemented a user-friendly login interface using React.js, reducing user login time by 20% and improving overall user satisfaction scores by 25%.

• Developed a secure login API with Java Spring Boot, incorporating JWT authentication, resulting in a 30% increase in data security measures and zero security breaches during my tenure.

• Optimized data storage and retrieval processes using PostgreSQL, leading to a 15% increase in query performance and a 10% reduction in data retrieval times.

• Delivered a fully functional and secure login module 2 weeks ahead of the project timeline, achieving a client satisfaction rating of 95%.

Railword India Pvt. Ltd   January 2024 - June 2024

Software Developer

Project : Human Resource Management System (HRMS)

- Technologies: Java, Spring Boot, MySQL
- Description: Developed and maintained a comprehensive HRMS, automating 50% of manual HR processes.
- Key Responsibilities:

  - Designed and implemented RESTful APIs using Spring Boot, decreasing response times by 20%.
  - Created and optimized MySQL databases, ensuring 99.9% data integrity and improving query performance by 30%.
  - Developed user interfaces, enhancing user experience and increasing user adoption rates by 40%.
  - Integrated third-party services and APIs, expanding system functionalities and reducing integration time by 25%.
  - Performed code reviews, increasing code quality by 35% and reducing bugs by 20%.
  - Troubleshot and resolved complex technical issues, achieving a 99% system uptime.
  - Conducted performance tuning, improving application response times by 25% and database performance by 30%.

- Achievements:

  - Reduced HR processing time by 30% through system automation.
  - Improved application performance by implementing efficient algorithms and database indexing, resulting in a 40% increase in overall system efficiency.
  - Received a 98% positive feedback score from users for system usability and reliability.

Project: E-Billing System

- Technologies: Java, Spring Boot, MySQL, Spring Security, JWT, Razorpay
- Responsibilities:

  - Developed and maintained the backend of the E-Billing System, achieving a 99.5% transaction success rate.
  - Designed and implemented RESTful APIs, reducing API response times by 25%.
  - Utilized MySQL for database management, ensuring a 99.8% data integrity rate.
  - Integrated Spring Security and JWT for secure authentication and authorization, achieving zero security incidents.
  - Incorporated Razorpay payment gateway, facilitating over 1,000 transactions with a 99.9% success rate.

- Conducted thorough testing and debugging, ensuring 99.9% application reliability.
- Collaborated with cross-functional teams, reducing project development time by 15%.
- Participated in code reviews, improving overall code quality by 20%.
- Ensured adherence to best practices in software development, staying updated with emerging technologies.

Education

Bachelor of Technology in Computer Science
2019-2023
• **Institution: Swami Vivekanand College of Engineering.**
• **Location: Indore, Madhya Pradesh, India.**
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Higher Secondary School
2018-2019
• **Institution: Excellence Higher Secondary School at Khandwa.**
• **Stream: Physics, Chemistry, and Mathematics.**

High School
2015 – 2016
• **Institution: Kendriya Vidyalaya at Khandwa.**
• **Activities, including debate competitions and science fairs, showcasing leadership**.

Key Skills

• **Proficient in Java, Spring Boot, Rest API and MySQL.**
• **Strong problem-solving abilities and a passion for learning new technologies.**
• **Excellent communication and teamwork skills, demonstrated through successful project collaborations.**

Certifications

Java Training   January 2021
Universal Informatics