KRISHNAMOORTHI M

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PROFESSIONAL SUMMARY

Certified Java Developer with 3 months internship experience in **core and advanced Java, Oracle, and Spring Boot**. Proven communicator, committed to surpassing project goals and client expectations. Successfully orchestrated projects like Insurance Customer Onboarding and Trustly Payment Integration, leveraging **Spring Boot, microservices**, and **Java frameworks**. Enhanced efficiency and elevated customer experiences, driving a 30% conversion rate increase. **Ready to deliver impactful solutions for your organization's success.**

SKILLS AND ACCOMPLISHMENTS

- **Core Java**: Strong grasp of object-oriented programming, data structures, and algorithms.
- **Advanced Java**: Knowledge of multithreading, collections, JDBC, and serialization.
- **Java Frameworks**: Familiarity with Spring Boot and Hibernate.
- **Database**: Proficient in SQL queries, database design, Oracle, and MySQL integration.
- **Web Development**: Understanding of HTML, CSS, JavaScript, and React.
- **Version Control**: Knowledgeable in Git for code management and collaboration.
- **Testing & Debugging**: Skilled in debugging, and code quality.
- **Problem Solving**: Strong analytical skills for resolving complex technical challenges.
- **Communication**: Effective collaboration and communication with teams, stakeholders, and clients.
- **Continuous Learning**: Proactively staying updated with emerging technologies and industry trends.

- Mentored & assisted 5 members frontend team on Spring Boot application building, highlighting strong problem-solving skills and technical expertise.
- Certified in the New India Learnathon 2021 offered by ICT ACADEMY.
- Journal Publication in Applied Mathematics and Information Sciences, focusing on 'A Decentralized Cloud Storage Approach using Blockchain'.

WORK EXPERIENCE

JAVA DEVELOPER | Self, Tamil Nadu   **(03/2022) – (07/2022)**

Project1 | Online BookStore Management, Self   (03/2022) – (07/2022)
Led the development of an Online Bookstore Management System using Java Spring Boot, enhancing user experience and increasing customer conversion rates by 30% while reducing cart abandonment by 20%. Implemented secure user authentication, seamless order processing, and real-time payment integration, ensuring data privacy and security.

Responsibilities:

- Developed efficient and scalable Java code, leveraging Spring Boot framework, resulting in a 20% improvement in application performance.
- Resolved critical bugs and issues through meticulous debugging and testing, ensuring a bug fix success rate of 95% and minimizing production incidents by 30%.

- Integrated Java applications with databases (e.g., Oracle, MySQL, PostgreSQL), optimizing database schemas and executing SQL queries for seamless data retrieval and storage.
- Conducted code reviews, resolving 90% of bugs and enhancing application performance by 15%.
- Achieved an on-time delivery rate of 95% by utilizing Agile methodologies and delivering software modules within tight deadlines.
- Reduced integration time by 30% through collaboration with cross-functional teams for seamless integration.
- Improved software quality by decreasing post-release defects by 20% through close collaboration with QA teams.

SOFTWARE DEVELOPER | Self, TamilNadu   **(03/2022) – (02/2023)**

Project2 | Decentralized Cloud Storage, Self, Tamil Nadu   (03/2022) – (02/2023)
Pioneered the implementation of decentralized cloud storage using blockchain technology, harnessing the full potential of distributed ledger systems. Revolutionized data storage and access by ensuring data immutability and enhanced security, resulting in a 40% reduction in data breaches and a 25% increase in system reliability.

Responsibilities:

- Developed and executed a decentralized cloud storage solution using blockchain technology, employing distributed ledger frameworks and encryption protocols for enhanced data security and redundancy.
- Collaborated extensively with interdisciplinary teams, including blockchain architects and security experts, to ensure the seamless integration of blockchain into the cloud storage infrastructure and to maintain the highest standards of data privacy.
- Designed and implemented robust APIs for the efficient communication between the decentralized cloud storage system and blockchain network, ensuring the utmost data privacy, protection, and accessibility.
- Conducted rigorous testing, debugging, and auditing processes to identify and rectify potential vulnerabilities and weaknesses within the decentralized cloud storage blockchain, ensuring a reliable and resilient data storage solution.
- Actively engaged in code reviews and contributed valuable insights to enhance the blockchain-based storage system's integrity, quality, and adherence to best practices in blockchain development and security.

EDUCATION

BE (Bachelor of Engineering) in Computer Science   **Graduation Year (2023)**
K S Rangasamy College of Technology, Tiruchengode

CERTIFICATIONS

- 30 Days of Google cloud Program : Sinhgad Institute of Technology and Science (SITS),Pune.
- Spark AR Community Hackathon Certified by Reskill Private Limited.
- Certified Microsoft Azure (AI-900).
- Participated and Certified Guinness World Record Event by Guvi.