Manoj Saddanapu

Full Stack Software Engineer | Software Engineer

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SUMMARY

Experienced Software Engineer with 3+ years of expertise in developing and optimizing software solutions. Proficient in Java, Python, and SQL, with a proven proficiency to enhance system performance and efficiency. Designed and deployed RESTful APIs, achieving a 30% improvement in data accuracy. Capable in implementing CI/CD pipelines and utilizing AWS and Azure to accelerate deployment. Seeking to leverage strong skills and hands-on experience in a software development environment.

Technical skills

* **Programming Languages:** Python, Java, Scala, C#
* **Web Development:** HTML, CSS, React, Angular, Node.js, Express.js
* **Databases:** SQL, MySQL, MongoDB, PostgreSQL, SQLite, PLSQL
* **Cloud Platforms:** AWS, Azure
* **Frameworks:** Spring Boot, Django, Flask, .NET, Ruby on Rails
* **DevOps Tools:** Docker, Kubernetes, Jenkins
* **Testing:** JUnit, Selenium, Postman, Mockito, Jest
* **Methodologies:** Agile, Scrum, Kanban
* **Operating Systems:** Linux, Windows, macOS
* **Data Visualization:** Power BI, Mode, Tableau
* **ETL Tools:** Informatica
* **Big Data Technologies:** Hadoop
* **Analytics Tools:** Google Analytics
* **Collaboration and Monitoring:** Slack, Monitoring
* **Version Control:** GitLab
* Software Development Lifecycle (SDLC)

PROFESSIONAL EXPERIENCE

Subaru September 2023 – Present Software Engineer Technologies: Java, Spring Boot, SQL, AWS, Azure, CI/CD, RESTful APIs, Data Analytics, BI Tools

* Engineered software solutions using Java, Spring Boot, and SQL, reducing processing time.
* Designed and deployed RESTful APIs, enhancing data integration efficiency with client systems, resulting in a 30% increase in data accuracy.
* Fulfilled CI/CD pipelines and utilized AWS and Azure, cutting deployment time and boosting operational efficiency.
* Coordinated with cross-functional teams to gather requirements and deliver solutions that met business goals, leading to a 15% improvement in project delivery timelines.
* Conducted unit and integration tests, ensuring software reliability and minimizing bugs in production.
* Established data analytics and reporting features with SQL and BI tools, generating insights that improved resource allocation.
* Delivered technical support and resolved user issues, achieving satisfaction rate and reducing support response times by 35%.

ZT Systems May 2023 – August 2023 Full Stack Software Engineer Intern

* Resulted and maintained scalable web applications using React, Node.js, and MongoDB, increasing user satisfaction for online banking and investment platforms.
* Implemented secure RESTful APIs with Node.js and MongoDB, enhancing data integration and third-party integrations, leading to a 30% reduction in transaction errors.
* Enhanced application performance by integrating AWS SQS for message queuing and Firebase for backend services, leading to a 30% improvement in load times.
* Collaborated with cross-functional teams to design and deploy new features, ensuring alignment with business objectives and increasing feature adoption.
* Employed unit and integration tests, improving code quality and reliability by 35%.

Capgemini May 2020 – August 2022 Software Engineer Technologies: Java, Python, SQL, NoSQL, AWS, Azure, Agile, CI/CD

* Continued scalable Software development with Java, Python, and SQL, enhancing system performance and efficiency for diverse client needs, increasing operational efficiency.
* Executed agile methodologies, improving project delivery times by 20% and fostering enhanced team collaboration and productivity.
* Optimized databases with SQL and NoSQL technologies, supporting high-volume data processing and achieving reduction in data retrieval times.
* Collaborated Working with diverse teams to ascertain needs and deliver high-quality software aligned with business objectives, achieving a client satisfaction rate of 25%.
* Boosted application functionality through rigorous testing and performance tuning, reducing system errors and improving overall user experience.
* Consumed AWS and Azure for application deployment, ensuring scalability and cost-effectiveness, reducing operational costs by 18%.

PROJECTS

Health Harbor (Hospital Management System) January 2024 – May 2024

* Implemented advanced encryption to secure patient data, achieving compliance with data protection regulations and enhancing data integrity.
* Enhanced database schema, resulting in improvement in query performance and a reduction in record retrieval time by 40%.
* Resulted and integrated streamlined appointment management features, leading increase in scheduling efficiency and reduced patient wait times.
* Collaborated with a multidisciplinary team to design and deploy new healthcare service features, improving overall system efficiency.
* Automated data backup processes, reducing manual effort by 50% and increasing system reliability and recovery speed.

EDUCATION

Master of Science in Information Systems Central Michigan University, Mt Pleasant, MI August 2022 – May 2024

Bachelor of Technology in Computer Science and Engineering

Jawaharlal Nehru Technological University, Hyderabad, India August 2016 – May 2020

CERTIFICATIONS & ACHIEVEMENTS

* Earned Lean Six Sigma Green Belt certification – Central Michigan University.
* Achieved Python, Java, and MySQL certification – HackerRank.
* Completed Amazon Web Services Fundamentals course – Coursera.