Srinivasulu Padigay

Open for relocation | +1 (667) 369-8534 | padigesrinivasulu@gmail.com | LinkedIn | Github

EDUCATION

Master of Science in Computer Science   *Expected December 2024*
The University of North Carolina at Charlotte, North Carolina, USA   *GPA: 3.8/4.0*
Coursework: Algorithms, Artificial Intelligence, Machine Learning, Visual Analytics

WORK EXPERIENCE

Software Engineer   *June 2018 – July 2022*
Netcracker Technology – Hyderabad, India   *Full-time*

- **Developed and maintained Java-based applications** for the Payments and Collections team, ensuring **high performance, scalability, and security.**
- **Implemented key features** for secure credit/debit card transactions using **RSA encryption and tokenization**, reducing vulnerabilities in customer payment systems.
- Handled **software bugs and enhancements** through **Jira**, providing solutions to meet customer requirements.
- **Collaborated closely with cross-functional teams**, utilizing **Agile methodologies** to ensure timely and efficient delivery of features.
- Worked on backend services using **Spring** and **Hibernate** to develop **APIs**, improving the performance of **large-scale enterprise systems by 15%.**
- **Optimized SQL queries** and database interactions in **SQL Server**, enhancing system response time by 10%.
- **Participated in code reviews** and provided feedback to ensure adherence to **industry standards and best practices.**
- Created **unit tests** and performed debugging using **JUnit** and **Mockito**, improving code coverage by 25%.
- Assisted in the development of **core modules** for web applications using **Java, Spring,** and **Hibernate frameworks.**
- **Enhanced security** for applications by implementing **encryption mechanisms** for sensitive data, leading to increased compliance with **PCI industry regulations.**
- Developed **RESTful APIs** for integration with **third-party services**, facilitating seamless communication between different systems.
- Performed **troubleshooting and bug fixes**, reducing issue resolution time by 20%.
- Actively contributed to improving team productivity by adopting **Agile tools like Jira and Confluence.**

Finance Assistant   *January 2023 – December 2024*
UNC Charlotte – Charlotte, USA   *Part-time*

- Developed and maintained automation scripts for financial tasks using **Python** and **PowerShell**, increasing efficiency and reducing manual errors.
- Improved data entry operations on **MongoDB** through **Python**, and optimized web interfaces using **Django** to improve user experience and system performance.
- Automated financial report generation leveraging **Microsoft Power Automate** and **MS Office**, streamlining report creation and distribution processes.
- Performed financial audits and transaction tracking using **MS Office** to ensure accuracy, managed account ledgering, and maintained comprehensive financial records.

LANGUAGES

- Java
- Python
- C#
- C/C++
- .NET
- PHP
- Node.js
- JavaScript
- HTML
- CSS
- XML
- React
- Bash
- PowerShell
- Angular

DATABASES

- MySQL
- PostgreSQL
- NoSQL
- MongoDB
- IBM DB2
- SQLite
- Microsoft SQL Server
- Amazon DynamoDB
- Amazon RDS
- Oracle

TOOLS

- Git
- GitHub
- GitLab
- Jira
- MS Office
- Slack
- Docker
- Kubernetes
- Microsoft Power Automate
- Microsoft Azure DevOps
- Visual Studio Code
- IntelliJ IDEA
- Eclipse
- Microsoft Teams
- Android Studio

CLOUD PLATFORMS

- Amazon Web Services (S3, Lambda, EC2)
- Microsoft Azure

CERTIFICATIONS

- Oracle Certified Associate, Java SE 8 Programmer
- PCEP™ – Certified Entry-Level Python Programmer
- Microsoft Certified: Azure Data Fundamentals
- AWS Certified Cloud Practitioner