Chandu Pulapaka

Software Developer

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SKILLS

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| --- | --- |
| **Programing Languages** | : Java, JavaScript, Python, SQL, C, C++, Ruby |
| **Frameworks** | : Spring Boot, Spring Web Flux, Scikit-learn, IoT, ReactJS, Redux, NodeJS, Ruby on Rails |
| **Databases** | : MySQL, Cosmos DB, MongoDB, Apache Cassandra, Redis, NoSQL, Postgres, Redshift |
| **Cloud Platforms** | : AWS, Azure, GCP, Terraform, |
| **Web Technologies** | : HTML5, CSS3, TypeScript, Bootstrap, jQuery, Ajax, JSON, XML |
| **Others** | : SDLC, Agile, Scrum, Distributed Systems, AI/ML, Git, Kafka, RabbitMQ, Docker, GraphQL, Jest |

EXPERIENCE

# Software Developer CitiusTech January 2024- Present

* Implemented a Java handler to seamlessly process events and calculate dynamic merchant fees for healthcare transactions and claims processing, incorporating meticulous Unit testing with JUnit and mock framework for robust validation.
* Crafted patient and provider-facing APIs to provide transparent insights into healthcare services and reimbursement rates ensuring accuracy and reliability through rigorous testing using Insomnia.
* Achieved a revenue uptick of **$3.4 million** by introducing real-time patient data synchronization, resulting in a substantial 60% enhancement in patient and provider satisfaction.
* Spearheaded the implementation of the New Patient Engagement program aimed at enticing merchants and amplifying sales through customized healthcare solutions, envisioning a significant impact achieving a revenue of **$4.5 million** within **6 months.**
* Orchestrated the setup of critical healthcare data queues and notifications across the workflow, executing comprehensive **end-to-end testing** to validate accurate insurance claim validation, leading to a 25% improvement in operational efficiency and improved scalability.
* Demonstrated experience collaborating with internal stakeholders, effectively translating their requirements into prioritized tasks ensuring alignment between healthcare provider needs and project goals.
* Proficient in leveraging infrastructure as code tools such as **AWS CLI, AWS CDK**, and **Terraform** for efficient deployment and management of cloud resources.
* Contributed to operational efficiency through On-call responsibilities demonstrating proficiency in software maintenance including **debugging software**, promptly addressing issues, and bolstering the team's capabilities in monitoring and issue tracking.
* Exhibited mastery in Version Control utilizing **Git**, incorporating continuous integration process for enhanced development.

# Software Developer Intex Technologies Nov 2020 – July 2022

* End-to-end software Development Contributed to the design and implementation of a scalable system to streamline business processes, ensuring efficient functionality and adherence to project timelines.
* System Requirements and Analysis Conducted comprehensive system analysis to gather requirements and provide solutions that improved internal operations. Designed interactions between multiple subsystems.
* Revenue Growth Implemented a new e-commerce feature that generated **$1.2** million in revenue within **9 months** by optimizing the online purchase process and enhancing user engagement.
* API Development and Cloud Integration Developed and tested robust REST APIs for seamless data communication. Leveraged cloud platforms to improve system scalability and reliability.
* Collaboration and Problem Solving Worked closely with stakeholders and team members to address complex technical challenges, delivering solutions aligned with organizational goals.
* Client-facing solutions and Debugging Created user-facing applications with a focus on performance and usability. Performed in-depth debugging and resolved issues to ensure smooth application functionality.
* Front-End Development and Monitoring Utilized tools like Angular, React, and Node.js for building responsive interfaces. Implemented monitoring solutions for real-time performance insights and system health checks.
* Data Optimization Improved database queries and indexing to enhance data retrieval speed and optimize storage, contributing to overall system efficiency.

# Jr Software Engineer Bytes Soft Solution Feb 2020 – Oct 2020

* Developed new functionalities for Spring Boot Applications with comprehensive knowledge of Java, RESTful Webservices’, Microservices’, and Elastic Search.
* Designed and implemented user interfaces and automation scripts using JavaScript as a scripting language, creating proof of concept and developing command line tools enhancing efficiency and user experience through streamlined workflows.
* Proficient in **object-oriented programming languages**, with a strong emphasis on Java, leveraging our expertise to develop scalable and maintainable software solutions in alignment with project requirements.
* Leveraged Postman for API testing ensuring the reliability and functionality of developed software components.
* Experienced in database technologies including Relational and NoSQL databases, ensuring efficient data management and retrieval within complex software development projects.
* Revenue Impact Contributed to a feature enhancement that generated **$250,000** in additional revenue within **6 months** by improving system performance and user engagement.

education

## Master of Science in management information systems Montgomery, AL

## Auburn University at Montgomery

## Bachelor’s in technology (B Tech) Vijayawada, IN

## Vikas College of Engineering & Technology – JNTU KAKINADA

CERTIFICATION

* Google Certified: [Google's Generative AI for Educators](https://skillshop.exceedlms.com/student/award/83qCwDnxtQmnfb9QzfP4LxGK) 🔗
* AWS Certified: [AWS Cloud Practitioner](https://cp.certmetrics.com/amazon/en/public/verify/credential/SLV08M6K0E44QDWM) 🔗
* Microsoft Certified: [Azure Fundamentals (AZ-900)](https://learn.microsoft.com/en-us/users/chandupulapaka-4516/credentials/875eaa127a2632dc?ref=https%3A%2F%2Fwww.linkedin.com%2F) 🔗

PROJECTS

**System Analysis and Design for T-Mobile |** *Microsoft Visio, SQL Server*

* Analyzed workflows and created process flow diagrams to improve operational efficiency by 20%.
* Optimized data management by 30% using SQL Server and value chain analysis.

**Smart Water Management System |** *Python, AWS, IoT*

* Built an IoT-based smart water grid using Python and AWS, improving water distribution by 40%.
* Conducted data analysis to reduce water wastage by 25% and ensure reliable operations.

**Breast Cancer Prediction Model |** *Python, Scikit-learn, Machine Learning*

* We developed a machine learning model with 95% accuracy for breast cancer prediction using Python and sci-kit-learn.
* Conducted data preprocessing and feature selection, reducing model training time by 20%.