

PARIMAL REDDY KASHIREDDY

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EDUCATION

Louisiana State University

Bachelor in Computer Science

Baton Rouge, LA

January 2020 – December 2023

- Relevant Coursework: Algorithms and Data Structures, AI, Big Data, Databases, Machine Learning, Object-Oriented Programming, Operating Systems, Software Programming, Web Development, Micro-Services Architecture, Container Architectures, User Interface Design
- Awards/Honors: Dean's List (Spring 2020, Fall 2021)

TECHNICAL SKILLS

Languages: C#, Java, JavaScript, SQL, Python, CSS, HTML, C, C++, XML, JSON

Frameworks: ASP.NET Core, Blazor, Razor, React, Bootstrap, React Native, Node.js, Alpine.js

Databases: MS SQL Server, MySQL, PL/SQL

Configuration Management: Git, GitHub, VSCode, Vim, Eclipse, AWS, VPC, Firebase, MySQL, Jupyter Notebook

Tools: Git, GitHub, VSCode, Vim, Eclipse, Jupyter Notebook, DevOps, Docker, Terraform, SSIS, Microsoft Reporting (rdlc)

Other: Agile Methodologies, Networking, Cloud Computing (Azure, AWS), REST APIs, Google Map API

Certifications: AWS Cloud Practitioner (2023 - Active), AZ-900 Azure Fundamentals (2024 - Active), DP 203 Azure Data Engineer Associate (2025 - Active)

EXPERIENCE

Azure Infrastructure Intern

DXC Technology

June 2023 – June 2024

New Orleans, LA

- Integrated Omnichannel Chatbot between Applications, Data and Security teams which leveraged the use of OpenAI API, Docker, and Azure cloud services. Responsible for a 30% reduction in response time.
- Optimized workflows by using cloud infrastructure to drive efficient project development as a Cloud Infrastructure Engineer. Leveraged generative AI capabilities to streamline processes, resulting in a 40% reduction in project timeline.
- Engaged in Agile methodologies with Jira and Miro for effective progress tracking and task management in daily standups, sprint presentations, and check-ins.
- Facilitated design thinking sessions to align team efforts, identify pain points, and ensure a user-centric approach to the project.

FullStack-Developer

BrBytes, LSU Physics Department

May 2022 - May 2023

Baton Rouge, LA

- Developed user-interface web pages using Alpine.js and Bootstrap front-end frameworks
- Customized web applications with ASP.NET Core, C#, SQL, and JavaScript to support various departmental needs.
- Enhanced and maintained backend systems by optimizing SQL queries and stored procedures for better performance.
- Created and maintained development standards for application lifecycle activities, including version control and issue tracking.
- Troubleshoot errors in previous code through testing methods and identified solutions.

PROJECTS

Premier League Analysis | Pyspark, Hadoop, HDFS, Java

Jan 2023 - April 2023

- Analyzed Premier League data of 20 GB using PySpark for insights and predictions.
- Utilized Hadoop for large-scale data processing and analysis of Premier League player attributes.
- Conducted feature engineering and statistical analysis to derive meaningful insights from player attributes.
- Developed predictive models using machine learning algorithms to forecast match outcomes based on player attributes.

Tutor-Vision App | MongoDB, ExpressJS, React Native, NodeJS

September 2022 - November 2022

- Developed a full-stack MERN prototype app utilizing React Native, interpersonal skills, and information technology with a MongoDB and Express.js back-end.
- Implemented an interactive chat system allowing students to communicate with their tutors.
- Used project management skills to deliver the project on time with fewer bugs through Test Automation processes
- Collaborated with a cross-functional team of six using Agile and Scrum methodologies to find creative solutions to various segments of the app