Sidda Akhilesh   akhileshsidda26@gmail.com
Undergraduate   +91-7279995222
Mahindra University

EDUCATION

Degree	Specialization	Institute	Year	CPI
B.Tech	*Computer Science & Engineering*	Mahindra University	2020-2024	7.5
Intermediate AP	*Physics, Chemistry, & Mathematics*	Narayana College	2019	9.325
SSC AP	-	Dr.KKR'S Gowtham International School	2018	9.8

WORK EXPERIENCE

- **Full-Stack Developer** *[Amplelogic]*   *Aug-Present*

    - Developed and maintained .NET applications for pharmaceutical organizations, improving business operations and regulatory compliance.

    - Collaborated with teams to design and implement solutions using Angular with JavaScript for frontend, C#, ASP.NET, and SQL Server, optimizing performance and productivity.

- **Data Engineer Intern** *[Lera technologies]*   *Feb-Jul 2024*

    - I specialized in designing and implementing robust data pipelines to support the seamless integration and flow of financial data. I maintained and optimized databases, ensuring the accuracy and performance essential for core banking operations.

    - **My key responsibility was leading the migration of scheduled agent jobs from on-premises systems to the cloud, utilizing Azure Data Factory to enhance scalability and efficiency. My work ensured that banking data was handled securely and effectively, aligning with the operational needs of institutions using the Temenos T24 core banking system.**

- **Full Stack Development Intern** *[Jaaji Technologies]*   *Aug-Oct 2023*

    - I was responsible for developing a robust and responsive e-commerce website, handling both front-end and back-end tasks. I designed dynamic user interfaces, built and optimized server-side logic, integrated APIs for essential services like payment processing, and ensured cross-device compatibility.

    - I collaborated closely with team members to deploy and maintain the platform, conducted testing for optimal performance, and managed version control using Git to support seamless development and deployment processes.

PROJECTS

- **Migration of Scheduled SQL Agent Jobs from On-Premises to Azure**   *June-July 2024*

    - Successfully migrated on-premises SQL Agent jobs to Azure by analyzing job logic, dependencies, and schedules. Developed and optimized Azure Data Factory (ADF) pipelines, incorporating cloud best practices and configuring triggers for precise execution.

    - Conducted rigorous testing and validation to ensure data integrity and seamless post-migration operation, leveraging Azure monitoring tools for ongoing performance optimization.

- **Transaction Data ETL Pipeline** *[Lera Technologies]*   *Mar-June 2024*

    - I was responsible for designing and implementing an ETL pipeline to extract daily transaction data from various banking systems using SQL and Python. I transformed the data with Apache Spark, applying business logic to detect potential fraud and ensure data quality.

    - The processed data was then loaded into AWS Redshift via AWS Glue, facilitating real-time fraud detection and financial analysis. Additionally, I optimized the pipeline for performance, ensuring efficient data processing and compliance with banking regulations, while also collaborating with cross-functional teams to support ongoing data needs.

- **Online Auction Site for Students** *Feb-June 2023*
  - Developed a web-based platform enabling college students to auction and bid on items within their community. The site featured real-time bidding, user authentication, and an intuitive interface. Integrated secure payment processing and automated notifications to enhance user experience
  - **HTML, CSS, JavaScript,** and **Bootstrap** are the Technologies used for the front end and implemented Node.js for server side logic and with MongoDB as the Database for storing user data and Auction data

- **AI Bases Optimal Physical Cash Management System in Banks** *Sept2023-June 2024*
  - Spearheaded the creation of an innovative AI-based system designed to optimize physical cash
  - management processes within banking institutions, enhancing operational efficiency while
  - minimizing cash handling risks.

POSITIONS OF RESPONSIBILITY

- **Gully Cricket Coordinator** *[AERO 2023]* *Sept-Oct 2021*
  - Organized Gully Cricket under AERO Club, the intra-college sports festival of Mahindra University, witnessing an overall footfall of 800+ participants from students as well as staff members.
  - Led a team of four responsible for looking after scheduling of matches between 60+ registered teams, addressing logistical concerns, crowd management, and seamless execution of the event

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Secured **first position in Gully Cricket and Dodgeball** games out of **50+ teams** as a part of AERO 2023
- **Captained a team** in the **Cricket League** 2022 and bagged **runners-up position out of eight teams**

TECHNICAL SKILLS

- **Languages:** Python, C, JavaScript, C#, Machine Learning, NumPy, Pandas

- **Soft Skills:** Mathematics, Problem Solving, Reasoning, Debugging

- **Tools:** Jupiter Notebook, Kaggle, VS Code, GitHub, Gitlab, ETL

- **Web and Data based:** HTML, CSS, React, Angular and MySQL

- **Cloud:** AWS, ADF, Kubernetes, Docker, Jenkins

- **Moocs:** Google Analytics, Full Stack Web Development Course

- **Framework:** .NET