SAI SHRIYA LINGALA

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EDUCATION

Jawaharlal Nehru Technological University (JNTUH)   Hyderabad,India
Bachelor of Technology (B.Tech), Electronics and Communications Engineering: 7.4/10.0   August 2019-July 2023
Sri Gayatri Junior College: 88/100   Hyderabad, India
High School (MPC)   July 2017-May 2019

EXPERIENCE

HCL Technologies (HCLTech)   Bengaluru, India
Software Engineer - Power Platform Developer - Client(Volvo Cars)   **February 2024 - Present**

- Spearheaded Office 365 automation initiatives using Power Platform within an Agile DevOps team, streamlining workflows and reducing manual effort by 40%.
- Orchestrated CI/CD pipelines via GitHub Actions to automate integration, deployment, and testing, accelerating software delivery cycles
- Engineered PowerApps Canvas App with Dataverse and custom connectors to automate device return processes, reducing manual handovers by 50% and enhancing compliance tracking
- Implemented advanced search and filter functionalities in PowerApps using responsive UI elements, boosting task efficiency by 35% and minimizing support tickets
- Automated VM log monitoring via Azure Function App and SharePoint webhooks, reducing failure response time by 75% and saving 10+ engineering hours weekly
- Hardened workflow security by implementing Azure App Registrations and Key Vault, ensuring 100% compliance with enterprise security protocols
- Diagnosed and resolved 10+ production-level bugs in Power Platform solutions, elevating system uptime to 99.9%
- Revamped legacy access workflows into a modern PowerApp using Dataverse and SQL, resolving 5+ recurring issues and achieving 99.9% uptime
- Developed a role-based navigation and access control system in PowerApps using custom connectors and Power Fx, reducing manual tracking by 90% and increasing UI accuracy by 70%

Amazon   Hyderabad, India
GO-AI Associate   **August 2023 -November 2023**

- Conducted in-depth video analysis and utilized AI tools to annotate stowing actions, enhancing operational efficiency through data modeling by 25% and ensuring compliance with safety standards.
- Maintained 98%+ annotation accuracy over 3+ months by consistently meeting high-speed and precision benchmarks
- Generated performance feedback for cross-functional teams, enhancing AI model precision by 15% through accurate data annotations and insights.

SKILLS AND CERTIFICATIONS

Languages: : C#, Power Fx, C, PowerShell
Web Stack: HTML, CSS, ASP.NET, Entity Framework Core
Databases: SQL
Power Platform: PowerApps (Canvas & Model-driven), Power Automate (Flow), Power BI, Custom Connectors, Power Fx, Dataverse, Role-based Security
Cloud and DevOps Technologies: Microsoft Azure (Function Apps, App Services, Key Vault, Logic Apps, App Registrations), Azure DevOps, GitHub Actions, CI/CD Pipelines, Webhooks, REST API Integration
Tools: Excel (Advanced), Postman, Visual Studio Code, PowerShell ISE
Certifications: Microsoft Azure Fundamentals(AZ-900), Microsoft Power Platform Fundamentals(PL-900), Google Data Analytics Professional Certificate

ACADEMIC PROJECTS

Bank Loan Analytics Dashboard (Data Analytics)   **SourceCode**

- Designed an interactive Power BI dashboard leveraging Power Query, DAX to monitor loan performance and segment customer profiles
- Analyzed $19B+ loan data from 7,000+ customers across 2,400+ cities with year-wise filtering and credit risk KPIs
- Enabled drill-through reports, role-based data filtering, and CSV export functionality to support managerial insights and reporting

End to End Heart disease classification (Machine Learning)   **SourceCode**

- Processed and standardized 10,000+ patient records using pandas and scikit-learn to prepare clean datasets for model development
- Achieved 95% model accuracy using Random Forest with hyperparameter tuning and cross-validation
- Validated model outcomes using precision, recall, F1-score, and confusion matrix to ensure classification robustness