

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
<ul style="list-style-type: none">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 cyclesEngineered PowerApps Canvas App with Dataverse and custom connectors to automate device return processes, reducing manual handovers by 50% and enhancing compliance trackingImplemented advanced search and filter functionalities in PowerApps using responsive UI elements, boosting task efficiency by 35% and minimizing support ticketsAutomated VM log monitoring via Azure Function App and SharePoint webhooks, reducing failure response time by 75% and saving 10+ engineering hours weeklyHardened workflow security by implementing Azure App Registrations and Key Vault, ensuring 100% compliance with enterprise security protocolsDiagnosed 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% uptimeDeveloped 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
<ul style="list-style-type: none">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 benchmarksGenerated 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, Dataverse
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), Tableau, Postman, Visual Studio Code, PowerShell ISE
Certifications: Microsoft Azure Fundamentals,Google Data Analytics Professional Certificate

ACADEMIC PROJECTS

Bank Loan Analytics Dashboard (Data Analytics)	SourceCode
<ul style="list-style-type: none">Designed an interactive Power BI dashboard leveraging Power Query, DAX to monitor loan performance and segment customer profilesAnalyzed \$19B+ loan data from 7,000+ customers across 2,400+ cities with year-wise filtering and credit risk KPIsEnabled 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
<ul style="list-style-type: none">Processed and standardized 10,000+ patient records using pandas and scikit-learn to prepare clean datasets for model developmentAchieved 95% model accuracy using Random Forest with hyperparameter tuning and cross-validationValidated model outcomes using precision, recall, F1-score, and confusion matrix to ensure classification robustness	