

## PADAMATI SAI SOWJANYA

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### TECHNICAL SKILLS

- **Languages:** C | C++ | C# | Javascript | Python | GO
- **Frameworks & Libraries:** Angular JS | React JS | .NET | NodeJS | jQuery | NumPy | Django | Flask | Bootstrap
- **Tools:** MSSQL | Git | Visual Studio | BitBucket | GitHub | Jenkins | Postman | Intelli J
- **Database & Cloud Platform:** MSSQL | MySQL | Azure | IBM Cloud

### PROFESSIONAL EXPERIENCE

#### Wipro Limited

- **JP Morgan Chase & Co. | Full Stack Developer** **Jul 2021 – July 2022**
  - Implemented and maintained Jenkins-based CI/CD pipelines, resulting in a 30% reduction in deployment time, thereby enhancing development efficiency.
  - Managed version control using Bitbucket, performed regular code reviews to ensure code quality, and established branching and merging workflows.
  - Utilized JIRA for issue tracking, project management, and collaboration, ensuring efficient task management and project progress monitoring.
  - Provided guidance and mentorship to junior colleagues, offering support and expertise in addressing technical and functional inquiries.
- **HPE | Full Stack Developer** **Dec 2020 – Jun 2021**
  - Swiftly debugged programs and efficiently addressed browser-related glitches.
  - Managed and fulfilled customer change requests, ensuring timely delivery.
  - Analyzed and implemented software and configuration changes to boost performance and functionality.
  - Provided consistent support and effective troubleshooting for software systems, resulting in issue resolution and improved performance.
  - Strengthened application security measures, ensuring the protection of sensitive data from potential breaches.
  - Successfully identified and resolved a critical browser compatibility issue in an ASP.NET MVC and JavaScript-based application. This initiative led to an enhanced user experience and heightened security measures.
- **HPE | Project Engineer** **Jun 2019 - Nov 2020**
  - Developed an automated dashboard tool using ASP.NET MVC, that led to 40% increase in productivity.
  - Transformed Excel sheets into SQL tables, streamlining data management.
  - Utilized Azure web services to deploy the tool, ensuring convenient accessibility and usability, and integrated Azure DevOps into the CI/CD pipeline for seamless deployments.
  - Collaborated with cross-functional teams to implement innovative website design solutions.

### ACADEMIC PROJECTS ([github.com/psaisowjanya1212](https://github.com/psaisowjanya1212))

- **FastZIP Faster and More Secure Zero-Interaction Pairing using IoT and Python**  
Designed and implemented a Python-based solution for zero-interaction device pairing, enhancing security and user experience through advanced cryptography algorithms.
- **Network Statistics Monitoring Tool using Python**  
Engineered a robust Python-based network statistics monitoring tool that provided real-time analysis and alerts for network traffic and packet loss issues. Significantly enhanced network troubleshooting capabilities, resulting in reduced downtime and improved operational efficiency for organizations.
- **Chat Application using C++**  
Developed a BSD TCP socket-based chat application with client-server architecture, streamlining user interactions and commands for logging in/out, messaging, and quitting.
- **Unix Systems Toolkit for Process and Filesystem Management using C**  
Created a Unix systems toolkit in C, combining features of Unix shells and forensic toolkits for efficient process and filesystem management.

### EDUCATION

#### Florida State University | Master of Science in Computer Science (GPA: 3.75 | 4)

Advanced Data Science, Artificial Intelligence, Operating Systems, Data Structures

Florida, USA

Aug 2022 – May 2024

#### St. Ann's College of Engineering and Technology | Bachelors in Computer Science and Engineering

DSA, Theory of Automata and Computation, Operating Systems, Advanced Data structures

Chirala, India

Jun 2015 – May 2019

### ACCOMPLISHMENTS

- Microsoft Cloud Week Pro – Participant - (Credential URL: <https://www.credly.com/badges/5c6854a2-c735-4925-8adc-7f4c12f1c047>) issued by Microsoft.
- AZ-900 Azure Fundamentals certified - (Credential URL: [https://www.credly.com/badges/222ec541-26f3-49f5-bdeb-d206e9d5842a?source=linked\\_in\\_profile](https://www.credly.com/badges/222ec541-26f3-49f5-bdeb-d206e9d5842a?source=linked_in_profile)) issued by Microsoft.
- IBM Cloud Pak for Applications - Architect (Exploration \*\*) (Credential URL: [https://www.youracclaim.com/badges/52b8669d-3f6d-4992-ba03-5eec444ceb06/linked\\_in\\_profile](https://www.youracclaim.com/badges/52b8669d-3f6d-4992-ba03-5eec444ceb06/linked_in_profile)) issued by IBM.