PADAMATI SAI SOWJANYA

psaisowjanya1212@gmail.com | +1 (850)345-3127 | LinkedIn | Portfolio

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Florida State University | Researcher   **Jan 2023 - Present**

- o Analysed student data based on the scholarship tests around Florida State.
- o Developed web base application using .NET Core, JavaScript and SQL server.
- o Design and developed web-based solutions through all the SDLC phases including business requirements gathering, front end web pages' design and implementation, database implementation, testing, prepare technical and release documentation.
- o Involved in design, and development of the UI pages using HTML5, CSS3, Javascript, jQuery, Angular JS.
- o Developed and implemented custom logging structure in Event Handlers for all the SSIS packages using SSIS system variables.

Wipro Limited

- **JP Morgan Chase & Co. | Full Stack Developer**   **Jul 2021 – July 2022**
  - o Implemented and maintained Jenkins-based CI/CD pipelines, resulting in a 30% reduction in deployment time, thereby enhancing development efficiency.
  - o Managed version control using Bitbucket, performed regular code reviews to ensure code quality, and established branching and merging workflows.
  - o Utilized JIRA for issue tracking, project management, and collaboration, ensuring efficient task management and project progress monitoring.
  - o Provided guidance and mentorship to junior colleagues, offering support and expertise in addressing technical and functional inquiries.
  - o Worked in Agile Software, and Test-Driven Development (TDD), conducting Code/Test Case review meetings, participated in daily SCRUM meetings and in sessions for the estimation of Stories.
- **HPE | Full Stack Developer**   **Dec 2020 – Jun 2021**
  - o Swiftly debugged programs and efficiently addressed browser-related glitches.
  - o Managed and fulfilled customer change requests, ensuring timely delivery.
  - o Analyzed and implemented software and configuration changes to boost performance and functionality.
  - o Provided consistent support and effective troubleshooting for software systems, resulting in issue resolution and improved performance.
  - o Strengthened application security measures, ensuring the protection of sensitive data from potential breaches.
  - o 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.
  - o Created Web APIs using ASP.NET Web API allow new web/client projects to leverage reusable data.
  - o Implemented client side and server-side validations done using JavaScript and Validation Controls.
- **HPE | Project Engineer**   **Jun 2019 - Nov 2020**
  - o Developed an automated dashboard tool using ASP.NET MVC, that led to 40% increase in productivity.
  - o Transformed Excel sheets into SQL tables, streamlining data management.
  - o 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.
  - o Collaborated with cross-functional teams to implement innovative website design solutions.
  - o Created login-based member's area that displays ASP.NET pages based on access levels and assigned Roles.
  - o Design, build, and maintain efficient, reusable, and reliable code
  - o Extensively understanding in creating and managing View Models, Views and Partial Views using ASP.NET MVC. Proficient in LINQ for data retrieval, CRUD operations, data filtering & sorting.
  - o Good working experience with ADO.NET objects such as SQL Connection, SQL Command, Dataset, Data Reader and Data Adapter Objects in Web applications and Win form applications.

ACADEMIC PROJECTS (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)   **Florida, USA**
Advanced Data Science, Artificial Intelligence, Operating Systems, Data Structures   **Aug 2022 – Present**
St. Ann's College of Engineering and Technology |Bachelors in Computer Science and Engineering   **Chirala, India**
DSA, Theory of Automata and Computation, Operating Systems, Advanced Data structures   **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) 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) issued by IBM.
- IBM Cloud Pak for Applications – Explorer (Credential ID: https://www.youracclaim.com/badges/93b8cbb8-485c-4cb5-a761-ce6faa432f85/linked_i) issued by IBM.
- Certificate of Completion of Learning path on C# - CSharp Programming issued by Topgear, Wipro.