Sandeep Srinivas Pogula

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EDUCATION

Master of Science in Information Systems, *University College Dublin* Sep 2023 – Jul 2024 | Dublin, Ireland

PROFESSIONAL EXPERIENCE

Programmer Analyst, *Cognizant* Dec 2020 – May 2023 | Bengaluru, India
- Developed robust Python and JavaScript web applications for Emblem Health, a 3.1M member healthcare insurer, adhering to HIPAA compliance.
- Implemented Python ETL pipeline optimizing data ingestion, reducing processing time by 27%.
- Engineered reactive web apps using React/Angular for 800K+ Emblem Health users, ensuring intuitive UX.
- Collaborated on RESTful APIs with Flask, improving operational efficiency by 19%.
- Built data analysis pipelines with NumPy/Pandas for executive decision-making.
- Optimized computational complexity via advanced data structures and algorithms, boosting performance.
- Conducted code reviews, collaborated closely with cross-functional teams to implement new features, leveraging effective communication skills to gather requirements, provide guidance, ensure seamless integration, and enforce coding standards and best practices.

Intern, *Cognizant* Feb 2020 – Jun 2020 | Pune, India
- Conducted user research & feedback gathering insights on product ideas & features for Salesforce Service Cloud.
- Led the resolution of various user stories by debugging, testing, and deploying solutions to production.
- Played a key role in the customization of SFDC (Salesforce) by creating and deploying custom objects, page layouts, custom tabs, and components, tailoring them to align with the specific needs and requirements of the client.
- Acted as a consultant for troubleshooting and defect resolution, handling incidents, service requests, and CRM ticket management on the Salesforce Service Cloud.
- Acquired proficiency in Salesforce CRM Management through hands-on learning using Trailhead, gaining valuable insights into the platform's capabilities and functionalities.
- Effectively logged and tracked defects using Jira, ensuring prompt identification and resolution of issues.

SKILLS

Programing — Python, C, Java, JavaScript • **Salesforce** — SFDC Admin, CRM, Lightning Web Components (LWC), SQL
 • **Web Technologies** — HTML5, CSS, React, Angular, Node.js • **Testing** — Selenium, Automation Testing

CERTIFICATES

Salesforce Certified Administrator ⊡ • Python for Data Science ⊡ • Salesforce Certified Platform Developer I ⊡

PROJECTS

Analysing 15 Years of News Headlines, *Machine Learning* ⊡
This project explores 15 years of news headlines through topic modeling and sentiment analysis, aiming to uncover evolving patterns and trends in media discourse. By analyzing 4.5 million headlines from top US news outlets, it provides valuable insights into societal shifts and the emotional tone of news coverage over time.

Conference Management System, *Salesforce*
Built a software interface using Salesforce for managing, creating and booking multiple conferences. It can be used to create and assign a speaker to a conference session or multiple conferences. Added Google Maps API to search, contact and choose a venue for conferences. Also added a payment gateway for users to book sessions.

Real Time Clock and Retro Smart Watch, *Arduino*
A Real Time clock made using the DS1307 RTC module which stores the current date and time without a power supply. A retro design smart watch made using an OLED panel, BT Module, Li-Po battery and an Arduino Pro Mini.

LANGUAGES

English • Hindi • Telugu

ORGANIZATIONS

One World Festival, *Organizer* 2017 | LPU

Youthvibe, *Member* 2018 | LPU
Cultural education club which helps and guides students to pursue their interests.