

Sai Rajesh Chittavarjula

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EDUCATION

UNIVERSITY OF SOUTH DAKOTA,
MASTER OF SCIENCE IN COMPUTER SCIENCE Jan 2024 - Present
PYDAH COLLEGE OF ENGINEERING AND TECHNOLOGY,
ELECTRONICS AND COMMUNICATION ENGINEERING July 2016 - July 2020
GPA: 3.0

EXPERIENCE

Software Engineer Twenty20 Systems Pvt Ltd.
Apr 2022-Dec 2023 Bangalore
- Driving integration projects using the Workato platform to integrate and automate operational tasks and data flow between CRMs, ERPs, Databases, and various other applications.
- Leading client discussions, realizing and rendering their business needs into effective software solutions to ensure customer satisfaction.
- Developing bespoke websites for clients using Python and integrating backend systems with Workato to ensure seamless data synchronization and operational efficiency.
- Collaborating with cross-functional teams and guiding junior developers to imbue best practices and improve the overall team's performance.
- Managing the full software development lifecycle (SDLC) for Workato-related projects.

Worked on the following Internal POCs:

- Built a website for the company using Python to submit employee expenses, replacing the use of spreadsheets.
- Integrated the employee expense submission website with the Workato platform to automate expense processing and reimbursements.
- Streamlined reimbursements with website form submissions and instant approval/denial messages via Slack/Teams, improving efficiency.
- Developed an employee expense budgeting website for management using PHP with the Laravel framework.
- Created an automation package called ****OnboardPro**** using the Workato platform for HR departments to manage seamless employee onboarding and offboarding.
- OnboardPro enabled HR to handle tasks like creating new employee profiles and provisioning/deprovisioning applications and hardware through simple form submissions.

ITES Executive Imerit Technology Services Pvt. Ltd
Nov 2020-March 2022 Kolkata
- Marking and labeling images to help computer vision models interpret visual data effectively.
- Extracting intelligence from videos by annotating objects in each frame and helping models identify them.
- Natural Language Processing, Sentiment Analysis.

PROJECTS

1. Task Manager Application: - A tool that allows users to create, update, delete, and organize tasks according to their daily schedule. Users can log in to the application and have the flexibility to choose personalized settings and preferences.
- The application includes features such as task prioritization, reminders, notifications, and more.
- It also consists of calendar integrations, analytics, and reporting capabilities.
- Technologies used in building this application include Flask, Django, Chart.js, HTML, CSS, JavaScript, and SQLite.

2. Stock Insights: - Stock Insights is a stock market dashboard that serves as a platform for users to view all details of their desired company stocks, such as Apple, Google, Amazon, etc., and allows them to search, filter, compare, and view details of specific stocks.

- Users can view data with various filters based on the number of days and observe variations in stock prices and volume during the selected time period.

- The project was implemented using the LSTM model, along with OTOH and the Plotly Dash Python framework for building dashboards.

CERTIFICATIONS - Python basics to advanced programming

- Microsoft certified: Azure fundamentals

- Workato pro 1,2 and 3 certifications

- Mulesoft integration tool certifications

WORKSHOPS

- Attended a 15-day App Development Workshop by APSSDC.

- Completed Networking Academy® Cybersecurity Essentials course, July 2018:

- Learned techniques, tactics, and procedures used by cyber criminals.

- Studied the purpose of laws related to cybersecurity.

- Participated in a one-week workshop on Amazon Web Services with Android, conducted by Subrains.

- Attended Tech Talks at Digital Summit '18 organized by Miracle Software Systems, December 2018.

- Attended SIEMENS workshop at Andhra University College, represented the college as a team lead, and learned and implemented the designing of programming in PLC and SCADA, September 2019.

TECHNICAL SKILLS

Languages: python, Java(Basics).

Web Development: HTML, CSS, JavaScript.

Software as tool: Workato, Mulesoft, APIs, Laravel, GitHub, Postman and Figma

Databases: Amazon S3 Bucket, SQL Server, SQLite and MySQL.

Others: GitHub (<https://github.com/sairajeshch11>)

INTERESTS

- Solving coding challenges on platforms like Hackerrank and Leetcode.

- Learning new technologies and courses from platforms such as Coursera and Udacity.

- Engaging in cinematography by creating videos and posting them online.

- Occasionally reading books and blogs.

CAMPUS ACTIVITIES

- Volunteered during my undergraduate years to maintain a clean and sustainable campus environment, organizing cleanliness drives and promoting eco-friendly initiatives.

- Engaged in community service programs, spreading awareness on environmental conservation and social responsibility.

- Actively participated in college tech fests and youth events, contributing as an organizer and coordinator.