

SRINIDHI A



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PROFILE

Dedicated IT student with a passion for software development and a strong foundation in Java and Python programming languages. Proven ability to **design, develop and deploy efficient and scalable solutions. Detail-oriented and analytical thinker** with a commitment to continuous learning and staying updated with emerging technologies. To work in a dynamic, challenging environment that can provide an ascending learning curve and utilize my skills to develop my career along with the organization.

EDUCATION

Sri Sairam Engineering College, Chennai

B.Tech - Information Technology

Academic year : 2021- 2025

CGPA : 8.7

Pushpalata Vidya Mandir , Tirunelveli

Higher Secondary - Class 12

Academic year : 2020 -2021

Percentage : 93

Pushpalata Vidya Mandir , Tirunelveli

Higher Secondary - Class 10

Academic year : 2018 -2019

Percentage : 90.4

SKILLS

- **Programming Languages** : C, Python, Java, C++, Javascript, R
- **Application and Web development** : HTML, CSS
- **Automation Software** : Microsoft office, Microsoft Office, Excel
- **Soft Skills** : Communication, Leadership, Time Management, Relationship Management, Decision making
- **Learning sources** : Learning frameworks of Javascript and Full Stack Web Development, Data Structures in Java and Python

CERTIFICATIONS

- NPTEL : Big Data Computing (94%), Programming in JAVA (79%).
- IIT Bombay Spoken Tutorial : C, CPP, HTML
- Learnathon by ICT Academy: Microsoft, Mathwork
- Cisco : Introduction to Packet tracers, Cybersecurity Essentials
- Oracle : Artificial Intelligence with Machine Learning

ACHIEVEMENTS

- **Selected upto second round in Solveathon 2.0 and Innovathon 2.0**
- **Semifinalist of Xtard 2.0 - 24 hrs Hackathon** conducted by **U B A Sri Sairam Engineering College**.
- Received Appreciation for **Scholarship test** conducted by **Google WESprint**.
- Received Appreciation of Participation in **Concorenza Breaking Bugs** Event conducted by Sri Sairam Engineering College (May 2023)
- Received Appreciation of Participation in the **OneYes Grand Hackathon** event conducted by OneYes Infotech Solutions (August 2023)
- **Selected on Merit in Srinivasa Ramanujan Mathematical Competition** (Level 3 - National Level).
- Received **Appreciation** for Ideas Selected in **MSME Women's Hackathon**.
- Selected upto second round in the **prestigious Smart India Hackathon event (September 2023)**
- Participated in **Google Code Challenge (April 2024)**.

EXPERIENCE

- Completed **virtual internship at YBI Foundation in Data Science and Machine Learning** (October 2023 - November 2023)
- Completed **virtual internship at YBI Foundation in Python Programming with DSA Internship** (February 2024 - April 2024).
- Completed **CognoRise Virtual Intern** as **Web developer** where I developed calculator application, netflix clone and Travel Booking System (November 2023)
- Completed the **Virtual Internship in Accenture North America Data Analytics and Visualization Job Simulation on Forage - April 2024** where I gained knowledge on:
- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

PROJECTS

- **Ensuring purity, precision and consumption in every drop of water using IoT Technology:** This application checks the quality of water which is supplied to all houses and measures the quantity of water consumed by the residents. It also has smart water meter reading and Billing system which helps in strategic prioritization and allocation of capital expenditure (2022 – present).
- **Credit Card Fraudulent Detection and Prevention:** Implemented Single step process through Majority Voting Technique with the domains of Python and Machine Learning (2021)
- **Smart Precison Irrigation - AI Powered Crop Water Management :** Automatic Regulation of valves for release of water based on soil moisture availability in root zones of the crop with the domains of IOT and Machine Learning (2023)
- Worked on many Machine learning projects.

ROLES & LEADERSHIP

- Selected as **Technical Head** , SSEC CS SB Society.
- Member of **Google Developer Student Club** of Sri Sairam Engineering College.
- Member of **Maths club** in Sri Sairam Engineering College.
- Financial Lead and Surveyor in **IEEE SIGHT Project** of my team **“LUMOS MAXIMA”** , 2023 , Sri SairamEngineering College.
- **Guide** of **IEEE Education Society Student Branch Chapter** (2023) , Sri Sairam Engineering College.
- **Secretary** of **IEEE Education Society Student Branch Chapter** (2023) , Sri Sairam Engineering College.
- **Vice Chairperson** of **IEEE Educational Societystudent Branch Chapter** (2024) , Sri Sairam Engineering College.

- Completed the **Virtual Internship** in **BCG Data Science Job Simulation on Forage - April 2024** where I gained knowledge on:
- Completed a customer churn analysis simulation for XYZ Analytics, demonstrating advanced data analytics skills, identifying essential client data and outlining a strategic investigation approach.
- Conducted efficient data analysis using Python, including Pandas and NumPy. Employed data visualization techniques for insightful trend interpretation.
- Completed the engineering and optimization of a random forest model, achieving an 85% accuracy rate in predicting customer churn.
- Completed a concise executive summary for the Associate Director, delivering actionable insights for informed decision-making based on the analysis.