

GURUPRASATH T

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EDUCATION

DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

Perambalur

Bachelor of Engineering

May 2023

Major in Computer Science

Cumulative CGPA: 8.2/10

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

SRI RAMAKRISHNA MATRICULATION HIGHER SEC SCHOOL

Perambalur

Major in Biology

Jul 2017 - Jul 2019

Cumulative Percentage:83.5/100

WORK EXPERIENCE

MICROSOFT POWER BI, MICROSOFT AZURE (Sponsored by ICT Academy, Chennai)

Chennai

Data Analyst Intern

Oct 2022 – Jan 2023

- Built Power BI dashboard to visualize core business KPIs saving 10 hours per week of manual reporting work
- Aggregated unstructured data from 20+ sources to build the foundation of a new product; led to Rs.100,000 in new revenue
- Designed the data pipeline architecture for a new product that scaled from 0 to 100,000 daily active users

SHIASH INFOTECH SOLUTIONS (Chennai)

Chennai

Data Science Intern

Feb 2023 – Apr 2023

- A suite of ML algorithms, including regression, classification, clustering, and neural networks, to optimize forecasting models resulting in a 20% reduction in inventory costs and a 15% increase on-time deliveries.
- Conducted workload assessments and devised new operational processes that led to a 40% increase in productivity.

UNIVERSITY PROJECTS

ENHANCED METHOD TO PREDICT MACHINE LIFE USING DEEP LEARNING

May 2023

- Designed to Predict the Machine's Age with 4-person team using Python
- Empowered industries to make data-driven decisions, enhancing operational efficiency and overall productivity. awarded most innovative project by our respective Staffs

BONAFIDE AND FEE STRUCTURE AUTOGENERATE

Nov 2022

- Developed and implemented an automated system utilizing Python and Excel macros to generate bonafide certificates and fee structures for college use, saving administrative staff 20+ hours per week.
- Implemented An effective system for seamless and standardized document generation, contributing to increased efficiency in college administrative operations.

ACTIVITIES

JOURNAL PUBLISHED IN IJARSCT

May 2023

- Presented and published the research findings in the respected International Journal of Advanced Research in Computer Science and Technology (IJARSCT)
- Demonstrated improved accuracy in predicting machinery life cycles compared to traditional methods.

PARADOX ACADEMY

Perambalur

Tutor

May 2021 – Apr 2022

- Conducted tutoring sessions in fundamental programming languages: C, C++ and Python
- Covered basic and intermediate concepts, including Object-Oriented Programming (OOPs), conditional statements, and loop structures, contributed to the development of students' skills in coding and logical thinking

ADDITIONAL

Technical Skills: Advanced in Java, Javascript,HTML/CSS; Proficient in SQL,MySQL,J2EE

Languages: Fluent in English; Conversational Proficiency in Tamil

Soft Skills: Teamwork/Collaboration, Leadership, Creativity/Innovation

Awards: IJARSCT's Top 100 Under 100; Won IJARSCT's International Journal Publishing competition of 1500+ participants (2023)