Janapareddi Geetha

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Career Objective

🔖 To establish my self in the field of engineering to innovate many things that will enhance productivity, efficiency and to minimize human stress.

Education

2016 – 2020	🔖 **B. Tech in Electronics and Communication Engineering** Dr. L Bullayya College affiliated to **Andhra University**, Visakhapatnam	CGPA: 8.7/10 (Dept. Rank: 2)
2014 – 2016	🔖 **Class XII**, IPE, Sree Kasyap Junior College, Visakhapatnam	97.1% (Clg. Rank: 2)
2013 – 2014	🔖 **Class X**, SSC, V T High School, Visakhapatnam	CGPA: 8.3/10

Skills

Languages	🔖 Python, C, C++, SQL, HTML, CSS, Java Script, Flask, LaTeX
Tools	🔖 Validatar, Informatica, Arduino
Strengths	🔖 Data Structures and Algorithms, Team work, Problem solving, Quick to learn

Work Experience

Dec, 2022	🔖 **System Engineer, Tata Consultancy Services, Bangalore** (ongoing) Part of Validatar Developer - using SQL working on a client based project, Responsibilities include - automating the discovery, monitoring & testing of data. Part of Quality Assurance team addressing data quality and testing use cases - end to end testing of data pipelines, monitoring data quality, validating business rule tests, data governance and maintenance.
May, 2021	🔖 **Assistant System Engineer, Tata Consultancy Services, Bangalore** Worked in Informatica Developers team working on a client based project. Responsibilities include - extracting data with required specifications from oracle using SQL ; designing mappings, sessions and workflows from source table to target table; performing unit testing on implemented workflows; monitoring the deployment & production activities; and documenting the feature changes.
Mar, 2021	🔖 **Assistant System Engineer Trainee, Tata Consultancy Services, Bangalore** Python and a database management system were my fields of study in my training
Jan, 2019	🔖 **Internship at NTPC, Visakhapatnam** Worked in a two week internship program in the Control & Instrumentation department of power stations. Observed, studied and made a detailed report on Coal based and Hydro based power station

Projects

2022 Feb – Jul	🔖 **Automation of Outlook Email with Power-Shell** Developed a working project that uses power shell scripting to send Outlook mail automatically at scheduled intervals. Along with the SQL query results as an HTML attachment, the SQL query results are displayed in HTML format in the email body.

Projects (continued)

2022 Jul – Aug   ◪ **Survey Form**
This project is used to gather feedback from travelers; This is hosted in GitHub.

2020 Jan – Mar   ◪ **Smart Serving Robot using NodeMCU** (B.Tech Project)
Guide: Prof. Solomon J V Gotham – HOD, Dept of ECE
Developed a compact portable WiFi module based wireless serving robot with NodeMCU as central driving unit. A camera is fixed in the head of the robot to make wireless 2 way communication with serving environment. Created Mobile application to serve the purpose of controller to the robot using MIT App Inventor. It is recognised as the best project among all (~30) the final year projects of ECE department.

2018 Jul – Sep   ◪ **LED Propeller Clock** Guide: Prof. Solomon J V Gotham – HOD, Dept of ECE
Developed a physical prototype of LED mounted propeller that shows time in digital format. A linear array of LEDs are mounted on a DC motor rotating at 1000 rpm to generate circular screen for display. Optimised the angular velocity of the propeller to obtain a clear display of characters using Arduino programming.

Industrial Exposure

Mar, 2019   ◪ **College Connect's Vikasa Varadhi**
One among 172 students selected from various Universities across Andhra Pradesh on meritorious basis. The 7 day industrial visit (of 20 Major Industrial hubs, Projects and Ports of AP) is mentored by 70 professionals which include the IT advisor & chief secretary of AP; and is sponsored by the government of Andhra Pradesh.

Major Achievements

2022   ◪ Udemy Python Certificate Holder - Certification link

2019   ◪ Achieved First Prize in Poster Presentation on Wireless Communication in TECTRONICS : Inter-College Project Expo , Baba Institute of Technology & Sciences, Vizag.

2018   ◪ Secured Second Prize in Project-Expo (for LED Propeller clock) in Women's Day celebrations of Dr. Lankapalli Bullayya College

2015   ◪ Achieved First Prize in Essay Writing Competition & Chess tournament among Intermediate students

Declaration

◪ I hereby declare that all the information contained in this resume is in accordance with facts or truths to the best of my knowledge.

J. Geetha

Sign: Janapareddi Geetha