Sanath Acharya
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SUMMARY
Dedicated IT professional with 3 years of experience and expertise in handling large programs and projects with geographically distributed teams across cultures.

SKILLS
Technical: Python, Java, SQL, JavaScript, Erwin, and MS office Suite. Familiar with Windows and Mac OS
Soft Skills: Problem solving abilities, Teamwork, Open mindedness, Self-discipline and willingness to learn

WORK EXPERIENCE
Senior Systems Engineer – Infosys Ltd., India – 24 months   *2019 - 2021*

- **Supervised** a team of System Engineers in building Dynamic web applications using **Angular, Python and Java** during its development phase
- Facilitated with award for '**Employee of the month'** for handling complex production issues in a timely manner
- Developed various CRUD operations for client's **Google Cloud Datastore**
- Completed Google's cloud training of the **Core Infrastructure Foundation**
- Automated multiple business processes using **Google Script**
- Collaborated with multiple teams in writing SQL Queries and using relational databases such as **Oracle, MySQL** and **MongoDB**
- Developed a customizable Google Chrome add-on for **automation** of mail trigger from business to personal mailbox
- Analyzed and Tested various **REST API's** on a daily basis, Authentication (**AUTH and OAUTH**) and handling **JSON** objects
- Experienced with design and maintenance of software repositories, ideally **Git** and **GCS**

Systems Engineer – Infosys Ltd., India – 13 months   *2018 - 2019*

- Completed the Infosys Campus Connect foundation program
- Experienced in **QA**, **UAT, Regression** and **Unit testing**
- Provided proactive technical support in **High priority Code Vulnerability fixes** – Identify, Analyze, Resolve and Rebuild
- Programmed multiple applications backend using **Python** according to client needs
- Used **MS Visio** for translating complicated text and tables into visual diagrams
- Led team in development, deployment and providing **support** for application after it goes live
- Well acquainted in front end technologies such as **HTML, CSS, Bootstrap,** and **Angular**
- Managed and maintained client database consisting of more than **millions** of employee records in **Google's Big Data**

EDUCATION
Master of Science, Business Intelligence and Analytics – CGPA: 3.86/4   *2021 - 2022*
Stevens Institute of Technology, New Jersey
Course: Data Management, Social Network Analysis, Management of Artificial Intelligence along with Data Integration and Machine Learning

Bachelor of Engineering in Electronics and Telecommunications – CGPA: 7.39/10   *2014 - 2018*
Thakur College of Engineering and Technology, Mumbai, India

ACADEMIC PROJECTS

Terrorist Organization Network Analysis *May 2022*
- Detailed **social network analysis** on terrorists involved in 9/11 attacks
- Learned relationship between the links and understood flow of message in network
- **Visualized the network** of terrorists using **R** and **Gephi** to analyze and understand working of network more clearly

Airline traveler satisfaction *April 2022*
- Analyzed key factors related to **customer satisfaction**
- Streamlined **K-means, Decision Tree** and other models to check for **maximum efficiency**
- Utilized several **Python** packages related to **Machine Learning** for carrying out analysis

High Frequency FMCW radar-based level gauge *September 2017*
- Design patented with application number **201721041411**
- Paper published in the **International Journal of Science and Research** (IJSR)
- Researched on increasing **accuracy** of measuring liquid level in huge oil containers
- Design built on **LAB-View** software due to its compatibility with High Frequency ADC-DAC

IOT based attendance monitoring system *April 2017*
- **Fingerprint** based attendance recording device
- Records stored in memory chip are later uploaded to **Cloud Storage**
- Saved valuable Time, Energy, and Resources

Digital Object Counter using LDR *April 2016*
- Built a 3-D model comprising of a **treadmill** passing through beam of an **LDR**
- Won **3rd place** in the '**IC the Future'** competition
- An LED display shows exact count of items that passes through treadmill

LEADERSHIP

Event Head, Zephyr 2018
- **Planned** and **conducted** various events during college fest
- Formed a team of individuals who were focused and performed in a deliberate manner

Graphic Designing Head, Model United Nations 2017
- Created **online advertisements** and posts for social media platforms like **Instagram** and **Facebook**
- Collaborated closely with a team of **six members** handing various tasks

Graphic Designer, Sojourn 2018
- Led a team of 10+ members in building **posters** and **banners** for event
- Coordinated along with multiple teams performing various tasks simultaneously

CERTIFICATES
- Essential Google Cloud Infrastructure: **Foundation and Core Services**
- Google Cloud Platform Fundamentals: **Core Infrastructure**
- Cypress University Alliance Training Program on **Internet of Things** (IOT)
- Summer Industrial training in **Embedded Systems** and Internet of Things