Saahil Anande

Arlington, Texas | saahilanande21@gmail.com | +1 (682) 347-0312 | Linkedin | GitHub

SUMMARY

Master's in Computer Science candidate offering strong foundation in software engineering and programming principles across multiple platforms. Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks

EDUCATION

The University of Texas at Arlington (UTA)   **Arlington, TX**
Master of science in computer science(GPA: 4.0)   **Dec 2022(Expected)**

University of Mumbai   **Mumbai, India**
Bachelor of Technology in Computer Science and Engineering   **May 2018**

Work Experience

University of Texas at Arlington   **Arlington, TX**
Graduate Teaching Assistant   **Sep 2021 - Present**
- Conducting lab sessions, conducting exam reviews sessions, guiding students on their final projects
- Proctoring 55+ students, grading exam papers, and conducting weekly assignment evaluation

Annet technologies, Mumbai, India   **Aug 2018 - Feb 2019**
(Junior Software developer)
- Assisted in projects such as Team-Travel Expense Administration & Management, "TAC" and "Ras Al Khaimah Department of Civil Aviation (RAKDCA) given to the SharePoint department.
- Learnt and used technologies such as the SharePoint Framework, Client Side Object Module, Server Side Object Module, Rest apis
- Worked on project "Task management system" which is based on scheduling and managing systems trainings and its attendance using SharePoint timerjob and WSP.

CellBeans Healthcare Informatics, Pune, India   **Feb 2020 - Sep 2020**
(Delivery Engineer)
- Implementation and setup of hospital management system on client site, managing and developing hospital database.
- Integration of Picture archiving and communication system(PACS) with radiology department and complete body tissue screening system with pathology department.
- Providing Support and training doctors and hospital staff to implement the system in the hospital.

ACADEMIC PROJECTS

Smart Helmet| Visual studio, Arduino, OpenCV, MLkit.   **May,2018**
Researcher and Team Lead
- Developed a System that checks whether the person is drunk before driving and is wearing the helmet. If any of the conditions are not satisfied, the bike would not start and a message is sent to the phone.
- Also implemented other technologies such as accident detection and automated ticket system.RTO/DMV registration and database

Python Stock Market RNN Time series prediction   **Jun,2020**
- Machine learning Models using LSTM to predict the price of a stock one day in advance. Multiple Stocks can be predicted using Yahoo finance data.

Earth quake data visualization, Aws and python   **May,2021**
- Using data sets to count number of occurrences, location, magnitude and other analysis of earth quake and present them in graphical representation using dj3 javascript in a web interface.

CERTIFICATIONS AND PUBLICATIONS

- Published a paper Smart Helmet For Traffic Rules' in International journal of advance research and   **Nov 2017**
innovative ideas in education.
- Presented a paper in the 4th International Conference (ICIRTE) on "Smart Helmet For Traffic Rules"   **Oct 2017**
- Completed Microsoft Training Course for .NET, C#, MySQL and DBMS

TECHNICAL SKILLS

- **Programming Languages**: C, C#, C++, Python, Java, Javascript, 8086 Assembly, PHP.
- **Database**: MySQL, mongodb, neo4j, Firebase, SQL.
- **Frameworks:** .NET, ADO.NET, Express.js, SharePoint Framework (SPFx).
- **Web Technologies**: HTML, CSS, PHP, flask, React-Native.
- **Cloud Technologies :** AWS, Google cloud, Azure