

EDUCATION

- **School of Engineering and Technology - Jain University** Bengaluru, India
Bachelor of Technology in Information Science; GPA: 7.9/10.0 Aug. 2014 – July. 2018
- **MES Kishore Kendra P.U. College** Bengaluru, India
Pre University College July. 2012 – July. 2014

EXPERIENCE

- **HashedIn Technologies Pvt. Ltd.** Bengaluru, India
Technical Analyst July 2018 - Present
 - **Fullstack Developer:** Worked on many client projects. Tech stack includes Python, React, WebSockets etc...
- **Nineleaps Technology Solutions Pvt Ltd.** Bengaluru, India
Software Developer Intern Jan 2018 - June 2018
 - **Euclid (MaRS):** Fast, granular, reliable ROI on ad performance was our bugle call to build Euclid, client's in-house marketing platform. Euclid replaced a legacy system, which processed ROI data somewhat manually as it struggled to keep up with clients scale and data complexity.

PROJECTS

- **ATL Handwash:** Machine Learning project to detect hand-wash events in hospital washrooms using audio/proximity data from a sensor installed in the washrooms of the Hospitals. We would be able to detect whether a hand-wash was successfully performed based on certain parameters such as elapsed time, proximity, use of Soap/Sanitiser/Towels etc... in order for the Hospitals to gather useful data to make sure that their hospital staff are following the necessary procedures to treat patients. Was responsible for the project end to end.
- **CSA Generali - UI:** Developed multiple responsive UI components using ReactJS for CSA Generali UI. Did re-work on existing components and optimized the site for better performance.
- **Irident - Stock Prediction:** A Machine learning project to predict stock performance and generating report for the same using historical timeseries data. Used LSTM Keras model to implement the same. Was responsible for the project end to end.
- **Discord Results Chatbot:** Chatbot developed using python for retrieval exam results from University website and displaying it in chat window of Discord chat Application.

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, SQL, Java, C, C++
- **Technologies:** AWS, Heroku, ReactJS, GIT, Django, Flask, WebSockets

PUBLICATIONS

- Aravind G, Sricharan A, Varun K **Artificial Intelligence Vision Technology for Blind**, Recent Trends In Electrical, Electronics, Computing and Information Technology (NCRTEECIT-16)
- Aravind G, Varun K, Manjunath C R, Soumya K N **Application of Big Data Analytics with Evidence Based Medicine** Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-2 — Issue-4 , June 2018
- Aravind G, M S Sowmya, Varun K **Decentralized Application for Digital Certification** Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-2 — Issue-4 , June 2018,

ACHIEVEMENTS

- **Star Performer Award at Hashedin:** Received this award for the ATL Handwash project.