



ASHVITHA ARVIND

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PASSIONATE ENGINEER | NATIONAL SWIMMER | DATA ANALYST

TECHNICAL SKILLS

Python / C / Java

SQL / Tableau / PostgreSQL

AWS / Microsoft Azure

Data Handling / Data Mining

Machine Learning

CERTIFICATIONS

Machine Learning using Python

Advanced analytics using Python and SQL

Oracle DBMS and Business Intelligence

SAP BO and BW HANA

Data visualisation using Tableau

Cloud Computing using AWS

ACHIEVEMENTS

State champion of Andhra Pradesh and
Tamil Nadu - Swimming

Lead Tamil Nadu state Water Polo team
- won State Championship

Lead Tamil Nadu state Relay team in
Swimming - won several events

Head Girl of Sunshine Chennai Senior
Secondary School (2015 - 2016)

Water and Natural resource conservation
enthusiast

EDUCATION

RV College of Engineering, Bangalore

Bachelor of Engineering (2016- 2020)
SGPA Sem 8 : 9.2

Sunshine Chennai Senior Secondary
School

Senior Secondary (CBSE) (2016)
PERCENTAGE : 82%

Sunshine Chennai Senior Secondary
School

Higher Secondary (CBSE) (2014)
CGPA : 9.2

PROFILE

Fresher Engineer with ample interest and experience of Data Interpretation and Analysis gained through internships. Proficiency in aspects necessary for effective Data Analysis including Statistics, Biostatistics, Mathematics and Analytical tools.

EXPERIENCE AND PROJECTS

• DATA ANALYST INTERN

BYJU'S ; Bangalore ; Aug 2020 - Oct 2020

- Data Optimisation and related report generation on a weekly basis
- Use of advanced SQL and analytics to track data
- Identified potential customers based on their registered information
- Helped segregate the learning pattern data of customers on the app to further create personalised content
- Presentation of data and modelling for implementation by IT team

• PROJECT LEAD

DEPARTMENT OF BIOTECH ; RVCE ; Jan 2020 - Aug 2020

- Author of research paper on Microbial biofuels - an *In-silico* overview using PERL and other statistical and bioinformatic tools
- Statistical and simulation based analysis of microalgae for improving species nature to enhance yield of biofuel from Diatoms
- Paper presentation in International Conference by IFERP 2020

• RESEARCH ANALYST

TEAM KRUSHI ; RVCE ; Jan 2018 - Aug 2020

- Innovative technical team at RV College of Engineering with goal to help ease life of farmers using technology
- Performed market survey to develop a system to aid farmers in improving their profits during the pandemic
- Budget allocation and planning to develop and release in-house farmer-friendly technology and tools
- Submission of reports on weekly and monthly basis to help improve selling conditions of vegetables and fruits

• RESEARCH ANALYST

ROBOTICS TEAM ; RVCE ; Sep 2019 - Aug 2020

- Innovative technical team at RV College of Engineering in collaboration with TE Connectivity aimed at mimicking a COBOT using Automation, Machine Learning and AI
- Torque calculation, Data analysis, Statistics, Forward kinematics valuation (using MATLAB simulation)
- Control with respect to links and acceleration causing dynamic loading, Design and planning of COBOT functioning and purpose
- Budget allocation and planning