Jason Rodrigues

Third Year, Electronics and
Computer Science Engineering

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Career Objective

To pursue a career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

Education

Degree	Name of Institute	University/Board	Year of Passing	Percentage/ CGPA
B.E	Fr. Conceicao Rodrigues College of Engineering	Mumbai University	2024	9.31 (Upto Sem IV)
HSC	St. Andrews College of Arts,Science and Commerce	Maharashtra State Board	2020	71.51%
SSC	Victoria High School	Maharashtra State Board	2018	93.2 %

Internship

- **The Sparks Foundation** *Aug. 2022 - Sept. 2022*
  Data Science and Business analyst
- Worked on solving business related problem statements using various machine learning algorithms.
- Identified and provided niche markets in different business sectors and helped companies eliminate and improve their supply chain network.

- **Binary Curve** *Aug. 2021 - Oct. 2021*
  Content and Website developer
- Visualized the entire content and website to be developed for the company.
- Delivered and used optimal SEO to gain more insights and visits on the website.
- Wrote blogs and daily updated the content on the website.

Projects

- **Self - Developed Data Acquisition System**
- Developed a custom Electronic Control Unit for a Formula Student electric race car.
- Used various system integrations and algorithmic techniques to transfer data in the shortest time span and with high accuracy.
- Stored acquired data on a complete cloud based system based on our configuration.

- **Development of High voltage System: Electric PMSM Motor and Battery Management System**
- Designed the specifications for the accumulator through selection of the electric motor.
- Aligned the motor requirements with the accumulator in order to gain the highest motor torque and least energy consumption.
- Worked on selection of a centralized battery management system which aligns with the accumulator configuration.

- **Home Automation System with Cloud integration**
- Developed a Smart home automation system which is completely wireless and eco-friendly.
- Various electronics components can be controlled using your mobile phones through a self-customised app.

Technical Skills

Programming Languages: C/C++,Java,Python,HTML/CSS,Bootstrap,Javascript
Softwares: Altium,Proteus,OptimumLap,Matlab,Figma
Database: PostgreSql, MySQL

Positions of Responsibility

- **Senior E-Powertrain Member:** Team CRCE Formula Racing
- **Content and Web Head:** Binary Curve
- **Student Journalist:** The Times of India

Courses Undertaken

- **Computer Science:** Cloud Computing, Python for Machine Learning
- **Electronics:** Electrical System Officer, Matlab Designing

Achievements
- **Student of the Year,** Achieved the best student award by The Times of India.   2018
- **Sportsmen of the Year,** Achieved the overall sports player of the year at St.Andrews   2019
  college.