

Adithya S Kumar

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CAREER OBJECTIVE

Mechanical engineer with keen interest in learning and developing systems for the growth and development of the organisation and for improving lifestyle and transformation of society through technology

EDUCATION

Bachelor of Technology - Mechanical Engineering - CGPA 8.79(till S5)	(07/2017 - Present)
Christ College of Engineering- APJ Abdul Kalam Technological University	
Higher Secondary(CBSE) - 87.4%	(06/2014 - 03/2016)
Bharatiya Vidhya Bhavans Vidhya Mandhir	
SSLC(CBSE) - 9.2 GPA	(06/2004 - 03/2014)
Bharatiya Vidhya Bhavans Vidhya Mandhir	

INTERSHIPS

Society for Space Education Research and Development (SSERD)	(11/10/2020 - 21/11/2020)
•Worked on Conceptual Design of Sounding Rocket to cross Karmen Line •Part of Tank and Structure Design Team •Built the overall model in SolidWorks.	
Inker Robotic Solutions Pvt Ltd	(08/07/2019 - 13/07/2019)
•Learnt the basics of Arduino, Raspberry Pi and IOT •Learnt the basics of Python programming •Learnt and experienced the working of Dobot Magician and Dobot Mooz	
Kerala State Road Transport Corporation (KSRTC)	(01/06/2018 - 10/06/2018)
•10 day internship program at KSRTC Garage, Aluva. •Learnt the basics of different parts of a bus and had hands on experience on disassembling an engine and a few other parts	

TECHNICAL SKILLS

TOOLS— SOLIDWORKS, CATIA V5, OnShape

PROGRAMMING LANGUAGES— C++, Python, MATLAB

MARK UP— MAXIMA, LaTeX

PROJECTS

HIGH LIFT UAV — Designed and manufactured fixed wing UAV	(09/2019 - 02/2020)
PRO DRIVE ALERTER — System to alert emergency services after accident	(01/2018 - 02/2020)
POTHOLE DETECTOR — System to detect potholes with only phone sensors	(02/2020)

ACHEIVEMENTS

1ST RUNNER UP- REBOOT KERALA HACKATHON 2020

(02/2020)

Recognized for outstanding performance in RKH 2020 for the idea "POTHOLE DETECTOR"

SAE AERO DESIGN CHALLENGE 2020

(09/2019 – 02/2020)

Led the first ever team from college to participate in ADC2020 as the team captain

YOUNG INNOVATORS PROGRAMME 2018-21

(2018 - 2021)

Qualified for the idea "PRO DRIVE ALERTER" and subsequent inclusion in YIP programme cycle

1ST PRIZE - EUREKA IDEA FEST

(08/2019)

Won first position in idea fest conducted by IEDC , CCE IJK)

CERTIFICATE COURSES

• Certified SOLIDWORKS Professional (CSWP)	(10/2020)
• Flow Simulation through SolidWorks (Skill Lync)	(07/2020)
• Finite Element Analysis through SolidWorks (Skill Lync)	(07/2020)
• Introduction to Programming with MATLAB (Vanderbilt University and Coursera)	(06/2020)
• Multibody Dynamics using SolidWorks (Skill Lync)	(06/2020)
• Introduction to Aircraft Performance (NPTEL)	(06/2020)
• SOLIDWORKS 2020 Essential Training	(04/2020)
• MATLAB Onramp (MathWorks)	(04/2020)
• Robotics (NPTEL)	(09/2019)
• CATIA V6 (Christ College of Engineering)	(07/2018)

LANGUAGES

Malayalam	English(7.5-IELTS)	Hindi	German
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REFERENCES

DR. SAJEEV JOHN

Principal

Christ College of Engineering, Irinjalakuda, Thrissur -680125

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SIJO MT

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DECLARATION

I solemnly declare that all the information furnished in this document is free of errors to the best of my knowledge

