



Results-oriented autopilot Engineer with a Bachelor of Technology in Electronics and Communication Engineering (Hons.). Aiming to leverage academic experience and a proven knowledge of prototype and research and development to successfully fill the developer role in a company. Frequently praised as adaptable by my peers, I can be relied upon to help a company achieve its goals.

Work Experience:

Autopilot Developer at TechEagle Innovations

Dec 2021- Present

Roles and responsibilities include research and development of flight control system for flight controller, Adding new sensors and flight modes in the flight controllers, optimization and validation of autonomous navigation in GPS and GPS-denied. Development of communication system including proxies for various system like satellite, 4G/5G cellular network.

Education

Dr. A.P.J Abdul Kalam Technological University

Jul 2017- Aug 2021

Bachelor of Technology Electronics and Communication Engineering (Hons.)

- CGPA: 8.24
- Relevant Coursework: Machine Learning Onramp by MathWorks.
- Awards & Honors: Smart India Hackathon 2019 hardware edition runner up, Integrated Technology Olympiad 2018 winner,
- Extracurricular Activities: E-Yantra hackathon 2019 by IIT Bombay

Kendriya Vidyalaya AMC

March 2017

Intermediate 10+2 with Physics, Chemistry, Maths & Computer Science

- Percentage: 78.8%

Skills and Technologies

- Python3
- C and C++
- Ardupilot Code-stack
- Embedded Linux System
- Data Structures and Algorithms
- Internet of Things
- Computer Networking
- Electronics Computer aided Designs
- Machine Learning

Major Projects

- [Control System for Swarm of Flying Robots.](#)
- [Intelligent Unmanned Aerial Vehicle](#)

Feb- Jul 2019
2020-2021

Certifications

- Analog Circuit Assessment by Texas Instrument
- Problem Solving Assessment by Hackerrank

Patents

- Advance patient monitoring system (IN202011026692)