

SHYAM PARASHAR

Electronics and Communication Engineer

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India

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I am looking to join the workforce to gain real-world experience. Ability to complete tasks on time in both individual and team settings. Dedicated professional with proven performance in management, leadership and communication. Detail-oriented in problem-solving and planning. Dependable and reliable, ready to learn and grow with your company.

EDUCATION

B. Tech Electronics and communication engineering

Bundelkhand institute of engineering and technology ,Jhansi

07/2020 - Present

8.07(YGPA)

Intermediate

Shri P D Jain Inter college, Firozabad

07/2017 - 07/2018

80.6%

Courses

- Science

High School

Shri P D Jain Inter College Firozabad

07/2015 - 05/2016

Courses

- Science

WORK EXPERIENCE

Head Of Research and Development

The Drone Learner's Club Jhansi

03/2022 - Present

asks

- Conducted flight tests and analyzed data to improve drone performance, stability, and safety.
- Organized the RC Plane workshop.
- worked on autonomous drone technology.

Uav Engineer Intern

Envoler Innovation PVT LTD , New Delhi

05/2023 - 07/2023

Achievements/Tasks

- Designed quadcopter with cameras for surveillance and autonomy.
- Developed RC plane with advanced flight control systems. Programmed custom flight modes .
- Drone Piloting at Prism Cement Mines for aerial surveying and mapping at mining site. Worked with surveyors to capture high-resolution data for mine planning and monitoring.
- Analyzed drone performance data and assisted with reports. Collaborated with team, seeking mentorship and attending workshops.

SKILLS

UAV maintenance and testing

Mission Planner

Drone Pilot

C++

Microsoft Office

Pixhawk 2.4.8

Leadership qualities

DSA Basics

Avionics

QGC

Arduino

Node MCU

Team management

PERSONAL PROJECTS

Smart Delivery Drone with User Authentication

- Developed a smart delivery drone system that incorporates user authentication before delivering items to ensure secure and accurate deliveries. .
- IoT Development: Showcased expertise in Internet of Things (IoT) development by implementing the user authentication system with NodeMCU.
- Implemented a roll-in and roll-out wire mechanism coupled with a load cell to deliver items without landing the drone, preventing potential harm to the drone during the delivery process.

Radio Controlled Plane For Seed Dropping

- The project involved customizing the plane's payload system to accurately dispense seeds in agricultural applications, enhancing crop seeding efficiency

Traffic Light Signal Using Arduino

- Our Arduino traffic light project streamlines traffic management with synchronized LED signals, improving road safety and efficiency.

CERTIFICATES

Designing and Fabrication of fixed wing Aircraft BIET Jhansi (Co- Ordination) [↗](#)

Certificate of Internship in Robotics from Kodacy (04/2022 - 05/2022)

Certificate completion of two months Internship at Envoler Innovation PVT LTD (05/2023 - 07/2023)

LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Artificial Intelligence

Problem Solving