





Rishabh Sharma

📍 Bangalore 📞 +91 78996 54883 @ rishabh4883@gmail.com

Profiles		 Rishabh Sharma	 rish4883		
Education	New Horizon Public School 83.68		2018 SSLC		
	Jain VV Puram PCMC 83.66		2020 PUC		
	Reva University ECE 84.46		2024 B Tech		
Experience	Mandaar Enterprises Freelance Designed and Developed a user-friendly WordPress website with basic e-commerce functions and product showcase pages. Implemented enhancements that improved site loading speed and performance. Migrated the website from a shared hosting to an AWS EC2 Instance.				
	ABYS Enterprises Freelance  https://abyse.in Developed a static website for a logistics consultancy startup. Hosted on an AWS Lightsail with a bitnami wordpress instance. Infrastructure and organization handling on AWS, workspaces, workmail, work docs etc.				
	Tech Mahindra Associate Software Developer Completed software development foundational training and CCNA courses. Learned web development fundamentals and frontend technologies. Underwent Java backend training, focusing on Core Java and Spring.				
	December 2024 - Present Bangalore				
Projects	Internet Enabled Autonomous Drone Built a 'smart', internet enabled drone with autonomous flight, focusing on delivery and agricultural applications. Designed and developed an obstacle avoidance system using sensors and Lidars, processed by a micro controller. Used a 4G module and an on board computer for internet. Developed scripts using python with low level MAVLink libraries to communicate with the flight controller and run missions. AWS Cloud based communication to connect to the drone remotely from any client device, control and access telemetry data and footage live during flight. AI detection using onboard camera, for plant diseases detection on agricultural missions and detect objects, humans and animals when required. A simple desktop and mobile app interface for easy control and view all hardware and flight data. Python, Tensorflow, AWS, ardupilot, reactnative, react, nodejs, Embedded C				
Skills	Javascript	HTML	React	Git	Linux
	Bash	Nodejs Express	C++	Python	Java
	C	CSS Bootstrap	Wordpress	SQL	AWS EC2, S3,Lightsail,Workdocs, Workmail
Awards	Intelligent Innovators Hackathon (I2H) - Runner up Sri Eshware College of Engineering			September 2023	
	Design & Innovation Clinic - 2nd Runner Up CMTI (Central Manufacturing Technological Institute)  https://drishti.cmti.res.in/DIC2024/index.php			April 2024	