

PRABAL PRATAP SINGH RAWAT

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"Mission first, people always, team of teams."

OBJECTIVE

Seeking an internship opportunity in the tech industry as a problem solver.

EXPERIENCE

- **SAIL BSP Intern** ----- (Sep,2025 – Oct,2025)
 1. Project based intern at Bhilai Steel Plant (BSP), Steel Authority of India Ltd. (SAIL).
 2. Made ESP32 based industrial text terminals using Long Range (LoRa) protocol.
 3. CAD, Circuit designing, soldering, 3D printing, and embedded systems.
- **Aviation Club President** ----- (Jul,2025 – present)
 1. President of RJIT Aviation Club (R.A.C).
 2. Experienced in project management and team work.
 3. Team lead for multirotor micro-UAV (MUAV) project.
- **Denso Summer Trainee** ----- (April,2025)
 1. Summer Trainee at Denso Haryana Pvt. Ltd. (DNHA).
 2. Studied and observed Japanese style Lean manufacturing process. Trained on Electronics production techniques, line balancing, BCT optimization ,SWCT , supply chain and logistics optimization. SMD, reflow, PCB and Electronics parts handling and logistics, Soldering QC, 5M+1E Method Analysis
- **Team Lead- Othisis Pvt. Ltd.** ----- (Aug,2023 – present)
 1. Team lead in Rocketry-IN, a student model rocket team taking the mission to promote model rocketry in India. Worked in Avionics, Propulsion, CAD and Launch Systems Teams as well as in the project management
- **Embedded Systems Engineer** ----- (Jan,2023 – Aug,2023)
 1. Embedded systems engineer at Team Robolution – A college level robotics team.
 2. Worked with designing hardware and software across various projects spanning multiple industries and applications.
- **Research Scholar** ----- (December 2022)
 1. Wrote and presented paper entitled "Delays in IP Routers, a Markov Model: A review paper" in "Third International Conference on the works of Srinivasan Ramanujan & their Applications in Science and Engineering specially in Bioinformatics and Biomathematics" (ICSFAW-2022)

PROJECTS

- [LoRa Text Terminals](#)
- [1.5kg AUW High performance MUAV](#)
- [Python Speech Recognition](#)
- [FileGrabber \(a powerful data extraction tool\)](#)
- [Attiny85 based USB microcontroller](#)

ACADEMIC/ TECHNICAL QUALIFICATION

COURSE	SCHOOL/ COLLEGE	BOARD/ UNIV.	YEAR
X	KV No-2, Bhopal, MP	All India CBSE	2020
XII	KV No-2, Bhopal, MP	All India CBSE	2022
B.Tech (ECE)	Rustam Ji Institute of Technology, Gwalior, MP	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal	4th Year

PROFESSIONAL SYNOPSIS

- Good communication skills in English, Hindi as well as Garhwali.
- Technical knowledge and self-motivated quick learner.
- Python, SQL, HTML, DBMS, CSS, PHP, Networking, Linux, C++, MS Office (Word, Excel, PowerPoint etc), LibreOffice, CAD, Arduino, Raspberry pi and Soldering.
- Proficient in using online platforms (MS Teams, Google Meet, Zoom).
- Participated and secured 2nd position in “Online Exhibition by Young Students on Innovative Products & Designs 2021” organized by Regional Science Museum Bhopal, National Council of Science museums, Ministry of Culture, Govt. of India.
- Research scholar in the Third International Mathematics Conference (ICSFAW-2022).
- Wrote an article that was published in the National Kendriya Vidyalaya Sangathan Magazine Bhopal Division titled “Trilochan Pokhrel: The forgotten freedom fighters of India”.
- Participated in multiple school and cluster level programs as an English orator.
- Eloquent Speaker in Little Angles High School, Gwalior.
- Co-curricular Activities House Head Boy for KV Jalipa Cantt, Barmer.
- Recipient of the Scholar Badge for Excellence in Academics.
- Participated and secured 1st position in Gwalior Regional level tennis competition.

CERTIFICATIONS

- **Regional Science Center, Bhopal (RCSB), Gov. of India,**
Won Second position in “Exhibition
on Innovative Products and Design.”
2021
- **ISWDP Samsung Student Fellowship recipient**
Successfully completed ISWDP
Cohort 4. Awarded the Samsung
India Fellowship.
- **Google**
Google Analytics Individual
Qualification ID 158600813
2023
- **Cisco**
Cisco Cybersecurity Essentials
2023
- **EICT Academy, IIT-Roorkee**
Semiconductor Fabrication and Technology
2024
- **Indian Institute of Information Technology and Management (IIITM), Gwalior**
Analog IC Design
2024
- **Indian Institute of Science (IISc), Bangalore**
ISWDP
2025

PERSONAL DETAILS

Name : Prabal Pratap Singh Rawat
Date of Birth : 19/02/2005
Nationality : Indian
Sex : Male