

# RUPESH KUMAR DAHA

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## ABOUT

A passionate Computer Engineering graduate and fast learner with strong skills in programming, data structures, and algorithms. Proficient in Python, and interested in working in the fields of Data Science and Web Development, with a solid foundation in AI and ML, along with a strong understanding of mathematical principles.

## EDUCATION

- B. Tech in Computer Engineering**  
*RK University, Rajkot, Gujarat* | 2020 – 2024  
CGPA: 8.72/10
- +2 Science**  
*Saptagandaki Multiple Campus* | 2017 – 2019  
CGPA: 2.75/4

## Skills

- Programming Languages:** Python (Proficient), SQL, C, C++, Java, PHP, HTML, CSS, JavaScript
- Modules (Python):** OS (Proficient), shutil(Proficient), random(Proficient), collections, Regular Expression
- Libraries:** NumPy(Proficient), Pandas(Proficient), BeautifulSoup, Matplotlib, Seaborn, Scikit-learn
- AI/ML:** ELT, EDA, ML Algorithms (Regression, Classification, Clustering, Dimensionality Reduction, Reinforcement Learning), DL
- Frameworks:** Django, Flask, FastAPI, React
- Databases:** MySQL, MongoDB
- Tools:** Android Studio, GitHub(basic), Arduino Development Board
- Understanding:** Oops, Data Structures and Algorithms, DBMS, IoT, Cloud Computing
- Soft Skills:** Effective Communication, Problem-Solving, Leadership, Entrepreneurial Thinking

## ACHIEVEMENTS

- PwSkills Internship Certification** | [\[Link\]](#)
- IoT HackFest** | RK University | [\[Link\]](#)
- Ideation Bootcamp** | RK University | [\[Link\]](#)

## PERSONAL INTERESTS

- Fitness & Gym Enthusiast
- Dance(Active Participant)

## EXPERIENCE

### Data Science Intern

*PW Skills* | Dec 2023 - Apr 2024 (Remote)

- Extract insights from complex datasets using python
- Performed EDA and web scraping on 50,000+ data points.
- Contributed to 3 major projects using Django and Flask.

## PROJECTS

### Book Recommendation System | Academic Project [\[Link\]](#)

- Developed using Django and collaborative filtering, achieving more than 75% recommendation accuracy.

### Extract Email From Gmail Box | Academic Project [\[Link\]](#)

- Used IMAPClient and Pandas to extract and analyze over 1,000 emails from a Gmail inbox, reducing effort by 90%.

### File Management System | Academic Project [\[Link\]](#)

- Automated file organization into folders using Python's OS , shutil modules, reducing manual effort by 90%.

### VetCare Android Application | Academic Project [\[Link\]](#)

- Developed an Android app with features like login, registration, and database integration using Android Studio, Firebase, and Java.

### E-waste Management System | Academic Project [\[Link\]](#)

- Built a full-stack system with login, registration, and CRUD operations using React.js, Node.js, and MongoDB.

### Extract Image From Google | Web Scraping | Flask [\[Link\]](#)

- Scraped images from Google by URL.

### Hotel Booking Dataset Analysis | EDA [\[Link\]](#)

- Analyzed hotel booking data to deliver 30% more accurate business insights on cancellations.

## PROBLEM SOLVED

- Resolved over 500+ questions in Python covering topics such as OOPs, Data Structures, and Recursion | [\[Link\]](#) [\[Link\]](#) | [\[Link\]](#) [\[Link\]](#) [\[Link\]](#) [\[Link\]](#)