

# PRAJWAL MAINALLE

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## SUMMARY

Enthusiastic and detail-oriented Software Engineer with hands-on experience in full-stack web development and GAN-based satellite mapping. Adept at building robust systems through all phases of the development life cycle, including design, coding, and deployment. Strong collaborative skills and a passion for continuous learning.

## INTERNSHIP

### Full Stack Web Development Intern

Feb-2025

#### Rapsol Technology Pvt Ltd – Feb 2025

- Gained practical experience in developing responsive web applications.
- Worked on front-end technologies.

## SKILLS

- **Programming Languages:** Python, C, HTML, CSS
- **Soft Skills:** Communication, Leadership, Team Oriented, Strong Organizational Abilities.

## PROJECTS

### CAR RENTAL PROJECT

2023

- Developed a full-stack web app to handle car bookings, cancellations, and availability tracking.
- Technologies used: SQL, HTML, CSS, JavaScript.
- Streamlined reservation and payment processes for rental operations.

### WAITER TIPS PREDICTION

2024

- Built a machine learning model to predict waiter tips based on various factors (bill, time, demographics).
- Applied data preprocessing and supervised learning techniques for regression.

### SATELLITE IMAGINARY TO MAP TRANSLATION USING PIX2PIX GAN FRAMEWORK

2025

- Translated satellite images into map representations using Pix2Pix GAN.
- Enhanced spatial recognition for urban planning and disaster management.
- Improved image interpretation for location clarity and mapping precision.

## EDUCATION

### Bachelor of Engineering (B.E) Information Science and Engineering

2021 - 2025

Don Bosco Institute of Technology, Bengaluru, CGPA 8

### Grade 12

2021

Dr.Channabasaveshwar gurukul karadyal, percentage -77%

## CERTIFICATES & ACHIEVEMENTS

- Full Stack Web Development – Rapsol Technology Pvt Ltd
- Web Development Program – Varcons Technology Pvt Ltd, Pune
- Machine Learning – Rapsol Technology Pvt Ltd

## LANGUAGES

English Kannada Hindi Marathi