

Varun U Pratap

varunupratap@gmail.com

+91 9480438622

Bengaluru, KA - 560054

Summary

Focused Computer Science student at Ramaiah Institute of Technology (9.2 CGPA) with experience in software engineering and mobile development through a JP Morgan internship. Proficient in Python, Java, and Flutter, with a proven ability to build AI-integrated apps and fault-tolerant systems certified by Harvard's CS50 programs.

Contact

Website - <https://varunworks.lovable.app/> | LinkedIn - <https://in.linkedin.com/in/varun-u-pratap-856826340> | GitHub - <https://github.com/Varun-U-Pratap>

Experience

Job Simulation Virtual Internship

JP Morgan • Bengaluru, IN

02/2026 - Present

- Worked well in a team setting, providing **support** and **guidance**.
- Proved successful working within tight **deadlines** and a **fast-paced** environment.
- Demonstrated creativity and resourcefulness through the development of **innovative solutions**.
- Skilled at working **independently** and **collaboratively** in a team environment.

Skills

- Languages:** Python, Java, Dart, HTML, CSS, C, C++
- Frameworks & Platforms:** Flutter, Rainmeter, Git, Linux (Arch Linux), SQL
- Specializations:** Data Structures & Algorithms (DSA), Mobile App Development, System Design, AI & Machine Learning
- Organizational and Collaboration skills**
- Problem-solving**

Projects

DSA Tracker for Rainmeter | Python, GraphQL

- Engineered a desktop-integrated streak system to track daily progress across solving LeetCode and GeeksforGeeks problems.
- Implemented strict **time-based** logic with a **15-hour** cooldown and **24-hour** expiry in Python to ensure genuine discipline.
- Designed a fault-tolerant architecture using local history **persistence** and a Vercel API fallback for real-time **data scraping**.

NutriCalc | Flutter, AI Integration | Jul 2025 – Aug 2025

- Developed a **personalized nutrition** and food logging mobile application.
- Built features for tracking daily caloric intake and macronutrient goals with **AI-powered** health suggestions.

Weather Web Application | JavaScript, OpenWeatherMap API

- Created a responsive forecasting app with a **dynamic UI** that shifts themes based on the selected city's local time.
- Integrated **real-time** data for temperature, wind speed, and visibility, ensuring a mobile-first responsive design.

Rental House Booking System | Java, Swing GUI | Dec 2025

- Designed and implemented a desktop application for apartment **management** and **booking**.

Education

BE - Computer Science and Engineering

Ramaiah Institute of Technology • Bengaluru

10/2028

- 9.2 CGPA

Physics, Maths, Chemistry, Computer Science

SRS PU College • Chitradurga

04/2024

- Final Grade: 95%

Science

Don Bosco School • Chitradurga

04/2022

- Final Grade: 97%

Certification

- CS50x: Introduction to the Intellectual Enterprises of Computer Science - **Harvard University**
- CS50P: Introduction to Programming with Python - **Harvard University**
- Into the AI VERSE

Spoken Languages

- English: Professional Working Proficiency
- Kannada: Native or Bilingual
- Japanese: Elementary Proficiency (JLPT Aspirant)
- Hindi: Limited Working Proficiency