# KSHITIJ PATIL

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## SUMMARY

Software developer with one year of industry experience building cross-platform desktop software for drone Ground Control Systems (GCS) in JavaScript and Electron.js at VTOL Aviation. Experienced in parsing MAVLink telemetry and collaborating with engineering teams to plan and ship features. B.Tech in Computer Science and Engineering (2025). Looking for a software engineering role on a real product.

## EXPERIENCE

**Software Developer Trainee** – VTOL Aviation Pvt Ltd **Aug 2026 – Present**

- Develop and extend the drone Ground Control System desktop application using Electron.js and JavaScript.
- Work with other engineering teams to plan, scope and build new features for the GCS software.

**Software Developer Intern** – VTOL Aviation Pvt Ltd **Nov 2025 – Jul 2026**

- Built cross-platform desktop applications for drone Ground Control Systems using Electron.js and JavaScript, running on multiple operating systems from a single codebase.
- Studied the MAVLink protocol and live drone telemetry; wrote code to parse MAVLink messages and extract flight information for display in the application.

## SKILLS

**Languages:** JavaScript, Java, Python, C, C++, SQL

**Frameworks & Platforms:** Electron.js, Android (Android Studio), Firebase

**Databases:** MySQL, Firebase

**Domain:** Desktop application development, drone / UAV Ground Control Systems, MAVLink telemetry

**Tools:** Git, GitHub, VS Code, Android Studio, Figma, Adobe XD

## PROJECTS

**Carpooling Android App – Ride Matching** | *Java, Android Studio, Firebase*

- Built a ride-sharing Android app with live location tracking.
- Wrote the matching logic that pairs riders with drivers travelling the same route.

**Fitness App UI/UX** | *Figma, Adobe XD*

- Designed a fitness app for tracking workouts and staying motivated, including progress-tracking screens.

## EDUCATION

**B.Tech, Computer Science and Engineering** – Amity University, Maharashtra **Aug 2021 – Jul 2025**

**Diploma, Computer Science (MSBTE)** – Pillai HOC Polytechnic, Rasayani **Mar 2018 – Mar 2020**

**CBSE Class 10** – Pillai HOC School, Rasayani **Mar 2018**

## ACTIVITIES

- Runner-up, Amity Soccer League 2023