

NIKHIL DUBEY

SOFTWARE ENGINEER

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SUMMARY

Software Developer with 5 months of internship experience in building and maintaining real-world web applications. Strong in backend development using Node.js, Express, MongoDB, and SQL, with working knowledge of frontend development. Proven ability to collaborate in Agile teams, solve practical development challenges, and deliver reliable software solutions. Active hackathon participant with multiple project experiences focused on real-world problem solving.

Technical Skill

- **Backend Development:** Node.js, Express.js, Hono, Python, GoLang, REST APIs
- **Frontend Development:** Javascript, Typescript, Vue 3, Flutter, React
- **Database Development:** MongoDB, MySQL, Query Optimization, Database design
- **Cloud And Devops:** Docker, AWS(S3, EC2), Vercel, Netlify, Render
- **Development tools:** Git, Linux, Android Studio

Professional Experience

Software Developer (Internship)

Madrecha

Jun 2025 – Aug 2025

Dec 2025 – Jan 2026

- Worked on real-world web and **mobile applications** using modern full-stack technologies.
- Developed dynamic movable-column data tables for a **Lenskart-related** project to improve data handling and UI experience.
- Designed and implemented an authentication and authorization system for a **Practice Management Software** using SQL, Vue, Node.js, and Express.
- Built an **attendance management** mobile app with CRUD operations, shift logic, and **Google Maps integration** using Vue NativeScript, and **deployed** it on the Play Store for organization use. Designed its website interfaces and implemented business logic using Vue 3, Hono, and MongoDB.
- Contributed to **production-grade RPA** solutions by building, **deploying**, and maintaining automation workflows for clients.
- Collaborated in **Agile teams**, participated in sprint planning, presented demos to clients, and resolved client-reported issues to support **continuous delivery**.

Achievements

- Secured **17th position** (Top 21 out of **89+ teams**) at **National Level Hackathon 2025**, Jaipur.
- Selected in internal rounds of **Smart India Hackathon (SIH)** for the project AGRIAI focused on AI-driven agricultural solutions.
- Awarded **Kudos** and cash prize during internship for exceptional performance, being the **only intern** recognized among full-time employees.
- Ranked **2nd** in Fourth Semester (CGPA 9.75) for academic excellence.
- Ranked **3rd** in First Year (CGPA 8.25) for academic performance.

Projects

- [AGRIAI](#) AI-ML Driven Crop Recommendation & Market Price System 17 Sep 2025
Selected in the internal rounds of Smart India Hackathon (SIH 2025), AGRIAI is an AI-based agriculture solution designed to support farmers with data-driven decision-making. The project uses a Random Forest machine learning model for crop recommendation and yield prediction, served through a FastAPI backend. RPA automation is implemented to fetch live crop market prices from government sources, helping reduce dependency on middlemen. A React-based frontend provides an intuitive interface for farmers to access recommendations and real-time pricing.
- Flutter [MCQ Quiz App](#): Developed a quiz-based mobile application in Flutter featuring question flow, Dec 28, 2025
answer tracking, and result summary. Strengthened understanding of Flutter UI and state management concepts through practical implementation.

