

# SAMARPIT JAIN

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## Education

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2022 – present Solapur, india	<b>Bachelor of Technology in Computer Science</b> <i>Walchand Institute of Technology</i>
2020 – 2022 Sagar, India	<b>High Secondary School Certificate Examination</b> <i>Pearl Public Hr. Sec. School</i>

## Projects

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### Label Lens [↗](#)

*Food Scanner App – Flutter, Firebase & OpenFoodFacts API*

- Developed a **Flutter** app with **Firebase** and **Google Barcode API** for food barcode scanning.
- Integrated **OpenFoodFacts API** to fetch nutrition details and rate products on a **1-5 scale**.
- Used **Firestore** for storing user preferences and **Firebase Auth** for authentication.
- Designed a **responsive UI** and optimized performance.

### PostMitra

*Smart India Hackathon Project*

- Developed a **postal service optimization system** with real-time tracking, delivery scheduling, and notifications.
- Built a **Flutter & Dart** companion app for mobile access to parcel tracking and schedules.
- Implemented **Firebase** for real-time updates and **MongoDB** for data management.
- Used **Python, Node.js, and React** for backend and web interface development.

### SilentSpeak

*Next.js, TypeScript, MongoDB, Shadcn, React Hooks, OpenAI API, NextAuth*

- Developed an anonymous messaging application using Next.js, TypeScript, and MongoDB, enabling users to send secret messages with optional acceptance settings.
- Implemented custom OTP-based authentication and user validation using NextAuth, ensuring secure and reliable user sign-ups.
- Integrated Zod for schema validation, providing robust type safety and accurate data management for user information and messages.

## Skills

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### Technical skills

- Languages: Java, Python, JavaScript
- Frameworks: ReactJS, NextJS
- Frontend Development: HTML, CSS, Bootstrap
- Backend Development: Node.js, MongoDB, SQL
- Development Tools: Google Cloud, Git, GitHub, VS Code

## Certificates

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- Google Cloud Engineering Certificate [↗](#)
- Introduction to Artificial Intelligence [↗](#)

## Languages

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- English (Bilingual)
- Hindi (Native)