

# BHASKAR PATEL

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## MY PROJECTS

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Ministry of Social Justice & Empowerment | AICTE, Ministry of Education

Smart India Hackathon 2025 – Winner 1<sup>st</sup> Prize

2025

### React Native Developer

- Solely designed and developed a React Native Android & iOS app prototype as part of a Smart India Hackathon winning solution.
- Built features enabling users to verify Aadhaar-bank account linkage and Direct Benefit Transfer (DBT) seeding status through a simplified mobile interface.
- Implemented user-centric flows to help citizens access assistance and grievance-related information with minimal digital friction.
- Collaborated with a cross-functional team responsible for the web platform and documentation while owning end-to-end mobile app development.

PassportedAPK – Streamline Photo Printing

2024

### Android Developer

- Designed and developed an Android application using Kotlin and Jetpack Compose to streamline passport photo creation and printing workflows.
- Implemented automatic background removal and one-click generation of 12 small or 8 large passport photo grids.
- Added support for Hindi and English, improving accessibility for local photo-printing shops.
- Built features to select multiple images, adjust scaling via sliders, and print multiple photos on a single page.
- Integrated Aadhaar card photo printing to support common document requirements.
- Adopted by ~100 local shops, reducing photo preparation time from 10 minutes to ~20 seconds using only a smartphone.

## ACHIEVEMENTS

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- Winner, **Smart India Hackathon 2025 (1st Prize)** — Ministry of Social Justice & Empowerment

## EDUCATION (Dual Degree)

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Indian Institute of Technology (IIT Madras), Chennai, India

2025 – Present

### BS Data Science and Applications

Guru Ghasidas University, Bilaspur, India

2025 - Present

### B.Tech Information Technology

## TECHNICAL SKILLS

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- **Languages:** Kotlin, Java, JavaScript, Python
- **Mobile:** Android, Jetpack Compose, React Native
- **Frontend:** HTML, CSS
- **Tools & Platforms:** Git, Android Studio, IntelliJ IDEA, Firebase
- **Concepts:** OOP, UI/UX Design, Debugging, Problem Solving