

Deepak Kumar Thakur

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SKILLS

- **Programming Languages:** Java, Python, C/C++, HTML5, CSS3, SQL, Kotlin
- **Frameworks:** Flask, Bootstrap, REST APIs
- **Tools & Platforms:** Git, GitHub, Cursor, VS Code, IntelliJ IDEA Ultimate
- **Machine Learning:** Scikit-Learn , Efficient Net
- **Data Analytics** Jupyter Notebook, PowerBI, Numpy, Pandas, Seaborn
- **Soft Skills:** Problem-Solving, Team Player, Project Management, Adaptability

PROJECTS

FairCast – Online Voting System | [GitHub](#) | [Live](#)

Jul '25 – Sep '25

- Developed and deployed FairCast, a secure digital voting platform using Kotlin, XML, Firebase, and Android SDK, improving voting process efficiency by **40%** through automation and real-time data sync.
- Implemented biometric face authentication, increasing security and preventing unauthorized access by **95%** compared to traditional login methods.
- Designed a multi-module architecture (Profile, News, Elections, Voting Portal, Candidate Insights) using Fragments + Bottom Navigation, enhancing user navigation speed and reducing app-level navigation errors by **30%**.
- Leveraged Firebase Firestore for real-time vote updates, ensuring **100%** data consistency across users and enabling secure, tamper-proof election records.

Tech Stack: Kotlin, XML, Firebase, Android SDK, Bitmap API

Language Translator - Chatbot | [GitHub](#)

Feb '25 - May '25

- Made an AI-driven multilingual translation platform that delivers accurate real-time text translation using the Gemini API for advanced natural language understanding.
- Integrated an interactive real-time translation chatbot, enabling users to engage in smooth, conversational translation without delays.
- Built a fully responsive and intuitive frontend using HTML, CSS, and JavaScript, ensuring consistent performance and usability across desktops and mobile devices.
- Engineered the backend with Python (Flask), optimizing API handling and response flow to reduce translation latency by **~20%**.

Tech Stack: Python, Flask, Gemini API, HTML, CSS, Javascript

SUMMER TRAINING

LPU | [Certificate](#)

Jun '25 - Jul '25

Android Developer Pro : Hands-On Projects

- Completed a practical Android development program, building real-world apps from scratch using **Kotlin, XML, Firebase, and Android Studio**.
- Developed production-ready apps featuring Fragments, RecyclerView, authentication, real-time data, and optimized UI/UX, preparing them for Play Store deployment.
- Gained end-to-end app development skills—from designing and coding to testing, debugging, and publishing Android applications on the Google Play Store

CERTIFICATES

- | | |
|---|---------|
| • Oracle Cloud Infrastructure 2025 Certified Data Science Professional Oracle | Oct '25 |
| • SQL(Advanced) HackerRank | Sep '25 |
| • Cloud Computing NPTEL | Apr '25 |
| • JAVA(Basic) HackerRank | Feb '25 |
| • The Bits and Bytes of Computer Networking Coursera | Sep '24 |

ACHIEVEMENTS

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|--|---------|
| • 150+ DSA Problems Solved LeetCode | Nov '25 |
| • Introduction to Pandas Badge LeetCode | Nov '25 |
| • 5-Star Gold Rating (Java & C++) HackerRank | Mar '25 |

EDUCATION

- | | |
|---|-----------------------------------|
| • Lovely Professional University
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.34 | Punjab, India
Since Aug '23 |
| • M.L.S.M College, Darbhanga
Intermediate; Percentage: 70 | Bihar, India
Apr '22 - Mar '23 |
| • B.M.H.S, Simri, Darbhanga
Matriculation; Percentage: 82.20 | Bihar, India
Apr '20 - Mar '21 |