Hemant Kumar

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EDUCATION

- **Indian Institute of Technology (IIT), Patna**   Patna, India
  *Bachelor of Technology - Computer Science and Engineering; **GPA: 9.09***   *Aug. 2023 - May 2027 (Expected)*

  Courses: *Algorithms, Artificial Intelligence, Discrete Math, Computer Architecture, Entrepreneurship, Database*

- **LBS Sr. Sec School, Kota**   Kota, India
  *Senior School Certificate Examination (CBSE), **Percentage: 96%***   *2023*

EXPERIENCE

- **Revspot.ai**   Remote
  Full Stack Development Intern   *Aug. 2024 - Oct. 2024*
  - Developed a responsive, user-friendly website, improving engagement & conversion rates. **Link: revspot.ai**
  - Contributed to the development of a **profile fit model**, to predict lead conversion using a **raw and highly skewed dataset** by oversampling the minority class. Achieved 97% accuracy and ROC AUC of 80%
  - Integrated **Auth0-based authentication** for secure multi-organization access.

PROJECTS

- **Dream11 Team Prediction (ML and Full Stack Development)**   **Source Code**
  Cricket player performance prediction created for InterIIT Tech Meet 2024   *Nov. 2024 - Dec. 2024*
  - **Tools & technologies**: Three.js, PyTorch, NextJS, Google Cloud Platform
  - Trained an ANN-based fantasy score prediction model on **ball-by-ball data containing 18,402 matches** from cricsheet.
  - Used **Three.js** to create a compelling animated website for selecting teams, match type, and match date for prediction.
  - Integrated Google Cloud services for **translation** and **text-to-speech** in **15 Indian languages**.

- **OneIITP App (App Development)**   **Play Store** — **App Store**
  *Official app for IIT Patna students, with more than **2000** active users*   *Aug. 2024 - Dec., 2024*
  - **Tools & technologies**: React Native, Firebase, Microsoft Azure based authentication
  - A one-stop app for students of IIT Patna covering a large range of daily needs.
  - **Features:** Live bus schedule, Blogs, Class Time Table, Attendance Tracker, Institute Marketplace, Upcoming Events, Dynamic Quick Links, Emergency Contacts, Food outlets, Admin Mode.
  - Launched a QR-based attendance system using AES-256 encryption on timestamp, preventing proxy attendance and cutting down false attendance records by 96% within one semester. (Attendance System Link)

SKILLS SUMMARY

- **Languages**:   Python, C, C++, Rust, JavaScript, Typescript, SQL
- **Frameworks**:   Scikit-learn, TensorFlow, PyTorch, Flask, NodeJS
- **Tools**:   Docker, Git, MongoDB, MySQL
- **Platforms**:   Linux, Web, Android, Google Cloud Platform
- **Soft Skills**:   Teamwork, Leadership, Communication, Analytical Solving

ACHIEVEMENTS

- **Selected among Top 100 projects** for Google Solutions Challenge 2025.   *2025*
- **ICPC Regionalist:** Secured an All-India Rank of 26 at the ICPC Chennai Regionals 2024.   *2024*
- **Rated Expert on Codeforces** (XGB) with max. rating 1621   *2024*
- **Secured 2nd Position in Codepeak 2023** a prestigious one-month-long open-source event.   *2023*
- **Secured 2552 rank (top 0.2%)** of all students who appeared for JEE Advanced exam.   *2023*

POSITION OF RESPONSIBILITY

- **Overall Organizer,** Google Developer Groups on Campus, IIT Patna   *Aug. 2024 - Present*
- **Sub-Coordinator,** NJACK, the programming club of IIT Patna   *Jun. 2024 - Dec. 2024*