

# Akash Kumar Pandey

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## EDUCATION

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- **Vellore Institute of Technology(VIT), Bhopal** Bhopal, Madhya Pradesh  
*B.Tech in Computer Science; CGPA: 8.55* August 2024 – August 2028

## EXPERIENCE

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- **International Institute of Information Technology** Hyderabad, Telangana  
*Language Development Intern* May 2025 - July 2025
  - **Indic NLP Pipeline:** Indic NLP Pipeline. Contributed to developing and improving preprocessing modules for Indian languages. including text normalization. tokenization. and dataset cleaning used in research projects.
  - **Dataset Engineering:** Built and refined multilingual corpora for training and evaluation. handled annotation. quality checks. and structured dataset pipelines for low-resource languages.
  - **Model Evaluation Tools.:** Assisted researchers in running experiments. benchmarking outputs. and preparing evaluation reports for ongoing NLP work.
  - **Automation Scripts:** Wrote Python utilities for data filtering. pattern detection. and preprocessing using Pandas. regex. and NLP libraries.
  - **Tech Stack.:** Python. Pandas. NumPy. spaCy. Git.
- **Google Developer Group, VIT Bhopal** Bhopal, Madhya Pradesh  
*Design Co-Lead* November 2024 - Present
  - **Design Leadership:** Led a creative team of 50 members and guided design workflows for college wide tech events and community initiatives.
  - **Event Execution:** Planned and executed 4 major GDG events. coordinating design. communication. and event branding from start to finish.
  - **Visual Creatives.:** Designed posters. banners. social media assets. and promotional materials for workshops. hackathons. and speaker sessions.
  - **Audience Impact:** Created design assets that attracted and engaged more than 500 attendees across multiple GDG events.

## PROJECTS

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- **NIAK Chatbot (Aug. 2025 – Oct. 2025):** Developed an interactive AI chatbot using Java and JavaFX with full integration of Google Gemini API for intelligent response generation. Built a modern UI featuring gradient themes. glassmorphism effects. and smooth animations for an enhanced chat experience. Implemented API request handling. response parsing. and message flow logic to ensure seamless real time interaction. Added floating button animations. fade transitions. and responsive layouts for better usability. Created cross platform run scripts for Windows. macOS. and Linux. and maintained detailed setup guides and modular project structure.
- **Campus Course and Records Manager (Sep. 2025 – Oct. 2025):** Built a Java based CLI system to manage student and course records using structured CSV files. implemented core operations for adding and retrieving data. and created automated compile and run scripts with clear project documentation.

## ACHIEVEMENTS AND RESPONSIBILITIES

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- **Smart India Hackathon, Internal Round (2025):** Secured a position in the top 75 teams out of 950+ teams at VIT Bhopal by presenting an innovative problem solution and developing a functional prototype during the competitive internal selection round.
- **Flipkart GRID 7.0. Early Careers Track (2025):** Shortlisted for Round 2 out of 1.6 lakh+ applicants nationwide. placed among the top 10 percent candidates. Completed a DSA based coding round featuring challenging problems on trees. graphs. and algorithmic problem solving. gained valuable experience and clarity on competitive coding skills.
- **McKinsey.org Forward Program (2025):** Selected for the global career acceleration program focused on developing practical. future ready skills in leadership. problem solving. and professional growth. Completed structured learning modules and interactive sessions designed to strengthen workplace capabilities and long term career development.

## SKILLS

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- **Proficient:** Python, C++, Data Structures and Algorithms, SQL
- **Comfortable:** JAVA, HTML, JavaScript , Git and GitHub