

## Aditya Paul

[paul.aditya304@gmail.com](mailto:paul.aditya304@gmail.com) | [LinkedIn](#) | [GitHub](#) | [+91-8448935304](tel:+91-8448935304)

### EDUCATION

---

#### Vellore Institute of Technology University, Bhopal

B.Tech, Department of Computer Science and Engineering

September 2022 - Ongoing

CGPA : 8.87

#### Delhi Public School, R.K.Puram

Class XII Central Board of Secondary Education (CBSE)

April 2008 - March 2022

Percentage: 91%

### TECHNICAL SKILLS

---

**Languages:** Java, Python, C++, SQL, JavaScript, TypeScript, HTML/CSS

**Frameworks & Libraries:** React, Node.js, Express.js, Flask, Next.js, Material-UI, FastAPI, BeautifulSoup, MediaPipe

**Databases:** MySQL, MongoDB

**AI/ML Tools:** PyTorch, OpenCV, Transformers, TensorFlow, pandas, NumPy

**Core CS Skills:** Data Structures & Algorithms, OOP, Cloud Computing, Database Management

**Developer Tools:** Git, Postman, Google Cloud, VS Code, Eclipse

### EXPERIENCE

---

#### SDE Intern

Kwikflow Service Private Limited (VisaKwik)

April 2024 - Ongoing

Bengaluru, India

- Spearheaded the development of a Customer Relationship Management (CRM) software using React, TypeScript, MySQL, and Next.js, driving a 35% increase in sales
- Optimized automated visa processing by integrating OpenAI and Google Document AI, slashing text extraction costs by 88%
- Engineered the Kwikflow Chrome Extension with an enhanced UI/UX using Vanilla JavaScript for seamless DOM manipulation and easy automation

#### Machine Learning Lead

Google Developer Student Clubs, VIT Bhopal

November 2023 - August 2024

Bhopal, India

- Hosted a Workshop with 150+ attendees and built an AI Voice Assistant using Google Gemini and Google Cloud
- Led a team of 5 and mentored 100s more via workshops and events

### PROJECTS

---

#### SignSense: ASL Converter

[GitHub](#)

OpenCV, MediaPipe, Flask, React, JavaScript

- Leveraged data of 72,000+ images and implemented a complete solution for translation of American Sign Language
- Engineered a novel algorithm that achieves 99.221% accuracy, surpassing the industry-standard Random Forest's 99.065%

#### Linguistik

[Project Link](#)

Transformers, PyTorch, Flask, React, JavaScript, PHP

- Developed a language translator that facilitates text conversion across 7 languages: English, Bengali, Tamil, Telugu, Gujarati, Marathi and Hindi
- Leverages BanglaT5, which achieved a notable 25.2 score on the SacreBLEU metric, outperforming the industry-standard mT5's 22.5

### ACHIEVEMENTS

---

- Specialist on [Codeforces](#) (Max 1440)
- Knight on [LeetCode](#) (Max 1931)
- Winner, HackSquad 2023
- Semi Finalist, Smart India Hackathon 2023
- Achieved University Rank of 50 among 24,000+ students on [GeeksforGeeks](#)