Abhishika Choudhary

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SUMMARY

Computer Science undergraduate at NIT Hamirpur with experience in full-stack web development, machine learning, and IoT-based hardware projects. Passionate about accessibility, open-source, and solving real-world problems with technology.

EDUCATION

- **National Institute of Technology** — Hamirpur, India
  B.Tech. in Computer Science and Engineering — *2024 – 2028 (Expected)*

TECHNICAL SKILLS

- **Languages**: C++, Python, JavaScript, C

- **Web**: HTML, CSS, React.js, Node.js, JWT

- **Databases**: MongoDB

- **Tools/Frameworks**: Streamlit, Flask, Git

- **Other**: Computer Vision, Graphic Design, Prompt Engineering

PROJECTS

- **DSA Tracker Pro**
  React, Node.js, MongoDB, JWT
  - : Built full-stack dashboard to track coding problem progress with secure login and real-time stats
  - : Implemented dynamic problem addition, analytics display, and JWT authentication

- **Sign Language Recognition Chrome Extension**
  TensorFlow, JavaScript, Computer Vision
  - : Trained real-time sign language recognition model integrated into Chrome extension
  - : Focused on improving accessibility for hearing-impaired users

- **MotionEye: Fall Detection System**
  ESP8266, MongoDB, Streamlit
  - : Built hardware+software solution using IMU data and Streamlit dashboard
  - : Won Best Beginner Hack at Electrothon 7.0

EXPERIENCE

- **Developer Student Clubs** — NIT Hamirpur
  Student Volunteer — *Sep 2024 – Apr 2025*

- **SPEC NITH** — NIT Hamirpur
  Volunteer Member — *Sep 2024 – Apr 2025*

- **National Cadet Corps** — India
  Cadet — *Dec 2024 – Apr 2025*

- **Reliance Foundation** — India
  Scholar — *Jul 2025 – Present*

ACHIEVEMENTS

- Winner: Best Beginner Hack — Electrothon 7.0

- Winner: Best Beginner Hack — Hack 5.0

- Scholar — Reliance Foundation 2024

CERTIFICATIONS

- Prompt Design in Vertex AI — Google Cloud Skills Boost (Jul 2025)