

B. SIDDI NIKHILESH

Email: siddunikhilesh517@gmail.com | LinkedIn: [LINKEDIN](#) | Phone: +91-7995482997

Executive Summary

Self-driven and innovative - focused Python Developer with hands-on experience building scalable AI-driven applications and real-time cloud solutions. Adept in NLP, Machine Learning, and automation with a proven track record of impactful contributions in internships and personal projects. Passionate about building solutions that create social and business value. Actively seeking opportunities in AI/Cloud-centric software development roles.

WORK EXPERIENCE

Work assist | Python Developer Intern

Jan 2025 - Feb 2025

- Assisted in developing Python-based applications, focusing on data processing and automation.
- Optimized database queries, reducing data retrieval time by 25%.
- Used Flask framework for the backend and data visualization for analyzing real-time data.
- Participated in Agile development processes, attending daily stand-up meetings and sprint planning.
- Managed 10+ repositories on GitHub, ensuring 100% version control compliance during a 1-month internship.

KEY PROJECTS

AI Job Portal

Technologies: Python, NLP, Machine Learning, Cosine Similarity, SQL, React.js, Typescript, Node.js, Tailwind CSS, Express.js, Vue.

- Resume Parsing:** Built NLP resume parser, improving skill extraction accuracy by 15%.
- Configured Jenkins for automated build, testing, and deployment.
- Cosine Similarity Matching:** Created AI job matcher with cosine similarity, optimizing candidate ranking.
- Application Ranking:** Built a ranking algorithm to prioritize applications in the employer dashboard.
- Skill Gap Analysis:** Skill Gap Analysis helped increase job match quality by **20%**

GITHUB: [JOBNECT ARENA](#)

Developed a machine learning model for real-time sign language translation, achieving an accuracy rate of 95% in gesture recognition during live demonstrations across 3 local community events.

- Integrated Media pipe for hand tracking and Google TTS for speech synthesis.
- Built Tkinter GUI and Flask web app, optimizing cloud deployment for 30% lower latency.
- Attained 95% accuracy across 4 languages.

GITHUB: [Sign Language Translator](#)

KEY ACHIEVEMENTS

Finalist, Code Sangram Hackathon – Secured a top 3 position among top participants in a competitive coding and innovation event, developing a working prototype under intense time constraints.

EDUCATION

Alliance University

B. Tech in Computer Science Engineering, 2022 – 2026

CGPA: 8.2

Coursework: OOPS Concept, Data Structures & Algorithms, Operating System, Machine Learning, Cloud Computing, Big Data Processing

TECHNICAL SKILLSET AND EXTRACURRICULARS

Technical Skillset:

Programming Languages: Python, C++, Java, SQL, JavaScript

AI Technologies: AI Agent, Model Context Protocol (MCP), N8N, Retrieval-Augmented Generation (RAG)

Cloud Platforms: AWS, Azure, Google Cloud

DevOps Tools: GitHub, Jenkins, Docker, Kubernetes, Terraform

Extracurriculars: Public Speaking, Continuous Learning & Research, Problem-Solving & Competitive Coding

CERTIFICATIONS

- AWS Cloud Practitioner – Amazon Web Services
- IBM - Generative AI: Prompt Engineering