

PROFESSIONAL SUMMARY

Computer Science undergraduate with hands-on experience in speech recognition, AI-driven tools, and software testing. Proficient in Python, Java, Linux, and GitHub. Strong foundation in networking, databases, and cybersecurity, with certifications and real-world internships. Known for collaborative problem-solving, attention to detail, and innovative thinking.

EDUCATION**Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar***2022 – Present*

B.Tech in Computer Science — CGPA: 8.85 / 10 (after 5th Semester)

Relevant Coursework: C, Java, DSA, OOPs, OS, Data Analytics, Linux

St. Xavier's Institution, Panihati, Kolkata

ISC (Class 12): 85.00%

2022

ICSE (Class 10): 90.00%

2020

TECHNICAL SKILLS**Technical Languages:** C, Java, SQL, HTML, Python**Tools:** VS Code, GitHub, Excel, Power BI**Technologies:** Linux OS**Languages Known:** English, Bengali, Hindi, Basic German**Learning:** NumPy, Pandas, Matplotlib

PROJECTS**Speech Recognition using Python**

Real-time English speech-to-text converter with GUI.

- Developed speech-to-text converter using SpeechRecognition & Pytsx3.
- Improved recognition accuracy by 20% via threshold tuning and noise handling.
- Created Tkinter-based GUI with scope for multilingual and Gemini API support.

Psyfriend – AI-Powered Student Insight Tool

NLP-driven application that analyzes student feedback to derive emotional and academic insights.

- Implemented sentiment analysis using spaCy NLP pipelines and data processing via pandas.
 - Integrated Google Generative AI with FAISS-based vector retrieval for context-aware feedback interpretation.
 - Designed response logic with regex-driven templates and conditional output strategies for dynamic interaction.
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EXPERIENCE & TRAINING**Testing Intern – Euphoria Infotech, Salt Lake, WB***Jun–Jul 2024*

Project: Centralized Admission Portal (WB Govt.)

[\(Certificate\)](#)

- Drafted test plans, wrote cases, and identified defects in UAT.
- Reported critical bugs and collaborated with devs in Agile setup.

Red Hat Certified System Administrator (RHCSA)*Issued: 19/12/2024*Certification ID: 240-247-551 [\(Certificate\)](#)

- Configured users, services, shell scripts, and network security on Linux.

PWC – Launchpad 2025 (Remote)*Feb 2025 – Present*

- Completed modules on Networking, Cybersecurity, and IT Architecture.
 - Gained hands-on experience in RDBMS and schema design using SQL.
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CERTIFICATIONS

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| • National IP Awareness Mission (Certificate) | • Corporate Governance (Coursera) (Certificate) |
| • Microsoft Power Platform Workshop | • Business for Good (Coursera) (Certificate) |
| • German Language Certification (Certificate) | • Ethical Decision Making (Coursera) (Certificate) |
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EXTRA-CURRICULAR ACTIVITIES

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| • Chef Lead – KEURIG: Led 300+ members in food event planning and culinary experiences. | ing cultural representation through dance. |
| • Model Head – Kzarshion: Directed fashion shows and fostered inclusive style representation. | • Co-author – Abridged Love: Authored short story on youth and empathy published in a collaborative anthology. (Certificate) |
| • Artist – Kraftovity: Designed creative art projects, promoted student engagement via workshops. | • Co-author – Oblivious World: Contributed prose on identity and aspirations in a themed youth publication. |
| • Actor – KIIT Film Society: Acted in student film "Mirage", showcasing creativity and public speaking. | • Yoga Winner (Under-19 Girls), 2019: Recognized for excellence and discipline in regional competition. |
| • Dancer – KORUS: Performed in inter-college fests promot- | |