Biswas Sekhar

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PROFESSIONAL SUMMARY

Government Engineering College Idukki   **Expected Graduation: June 2025**
Bachelor of Technology in Information Technology.   *Idukki, Kerala*
- CGPA : 6.85

Model Technical Higher Secondary School Kaloor   **March 2020**
Higher Secondary Education.   *Kaloor, Kerala*
- Percentage: 80 , Board: Directorate of Higher Education, Kerala

PROJECTS

Fake News Detection in Malayalam   **Aug. 2024 - March 2025**
React, FastAPI, Supabase, TailwindCSS, PyTorch, Python
- Developed a solution to detect fake news in Malayalam.
- Implemented data preprocessing, model training, and evaluation.

Sarvasiksha   **Sep. 2024 - Nov. 2024**
Next.js, Typescript, Supabase, Clerk, Gemini API, Tailwind CSS
- Built an LLM-based chatbot and educational platform.
- Incorporated community support, ranking, and gamified learning.

ASKKTU   **Feb. 2024 - May 2024**
Next.js, Typescript, Supabase, Clerk, Gemini API, Tailwind CSS, Python
- Developed a chatbot application tailored for KTU students.
- Focused on efficient query handling and enhanced student engagement.

Tolk   **2021 - 2022**
Computer Vision, Python, Flutter
- Created a real-time sign language translation tool.
- Integrated OpenCV with machine learning for gesture recognition.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, SQL, JavaScript, HTML, CSS, R
Frameworks: React, Node.js, Flask, FastAPI, WordPress, Material-UI, Flutter
Developer Tools: Git, Google Cloud Platform, VS Code, AWS
Libraries: pandas, NumPy, Matplotlib

POSITIONS OF RESPONSIBILITY

IEEE CSKS
- **Electronics Communication Coordinator** (Feb 2024 – Feb 2025): Managed communication channels and facilitated technical presentations.
- **Associate Graphic Designer** (Feb 2023 – Feb 2024): Created compelling visual content for IEEE events.

GDSC - Campus Lead (Aug 2023 – Sep 2024)
- Led initiatives promoting Google Developer technologies on campus.
- Organized workshops and hackathons; collaborated with industry experts.
- As part of the Google Cloud Study Jam, introduced Google Cloud to over 150 students in college.

IEDC GECI
- **Chief Technical Officer (Mar 2023 – Feb 2024):** Led technical project planning and coordinated cross-functional teams.
- **Chief Creative Officer (Sep 2022 – Mar 2023):** Drove creative strategies and content creation for events.

Tinkerhub - Technical Lead (Feb 2022 – Mar 2023)
- Oversaw technical project planning and execution.
- Organized technical workshops, hackathons, and community events.
- Mentored team members and facilitated regular technical discussions.

VOLUNTEER AND INTERNSHIP EXPERIENCE

- **Program Executive, STEYP** (April 2023)
- **IEEE Volunteer:**
  - AICSSYC '23 - Coordinator
  - AKCSSC '23
  - AICSSYC '24
- **Internship Experience:**
  - Internship at YIP (June 2023 – August 2023)
  - Graphic Designer Intern, GTECH MULEARN (June 2024 – July 2024)

ACHIEVEMENTS

- **State Winner - YIP 4.0 Ideathon:** Ideathon program by Kerala government (2023).
- Active participation in hackathons and ideathons.