

Dhanushkumar Sekar

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[LINKEDIN](#) | [LEETCODE](#) | [GeeksForGeeks](#) | [Portfolio](#) | [Github](#)

EDUCATION

Bachelor of Engineering in Computer Science and Engineering Coimbatore Institute of Engineering and Technology (CIET)
CGPA: 8.35 | 2024 – 2028

SKILLS

Programming Languages:	Python, C, C++, PHP, HTML, CSS, JavaScript, Java)
Database and Language:	MongoDB, MySQL, SQL (Intermediate)
Frameworks:	Flutter, Tailwind CSS ,React, Node JS,
Version Control Tools and IDE:	Git, Github, Visual Studio Code
Course Work:	DBMS , OOPS ,CyberTech Mastery(SNA),Mern Stack(EMC), App Development
Soft Skills:	Leadership,Collaboration, Communication, Teamwork, Time Management,Research

WORK EXPERIENCE

Job Title Company name

- Error Makes Clever (EMC) – Full Stack Developer Intern: Achieved 90% performance rating by delivering optimized full-stack modules using React, Node.js, MongoDB, and Express, improving API performance by 100%.
- Completed 20+ production features and improved system stability by 40%, ensuring clean, maintainable, and scalable code.
- CodeAlpha – Software Development Intern: Delivered multiple real-world projects with 2x faster execution by optimizing JavaScript/Python code and building responsive UIs.
- Earned 90%+ mentor rating for clean code quality, secure APIs, and consistent on-time project delivery..

PROJECTS

Project name - [GloveCom \(Github\)](#)

- GloveCom – A smart sign-language translator glove that uses ESP32 + sensors to convert hand gestures into real-time text and speech.
 - Built a full Flutter BLE app with gesture training, voice assistant, and voice-to-sentence AI.
 - Unique low-cost hardware + customizable gestures, making communication easier for deaf and mute individuals.
- Tech stack used:** Flutter, Dart, ESP32, Bluetooth Low Energy (BLE), C/C++ (Arduino), Sensors (Flex & Joystick Modules), Firebase/Supabase, Lottie Animations, Google ML Speech-to-Text, Text-to-Speech (TTS).

Project name - [Echo-Link-Ai \(GitHub\)](#)

- Developed an AI-powered translator that converts Indian Sign Language (ISL) gestures into real-time text, bridging communication between the deaf/mute community and the wider society.
- Leveraged computer vision, deep learning, and natural language processing to create a lightweight, edge-device-deployable system (e.g., Raspberry Pi) for social impact and accessibility.
- Tech stack used: Python, C++, OpenCV, TensorFlow / PyTorch, NumPy; optionally Flask for API integration and Node.js for frontend.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

2nd Place – Amazon Best Project & Reel Awards

2nd Place – Sri Eshwar Creatathon([Price](#))

6th Place – **Youth Ideathon At IIT Delhi ([Indian top 1000](#))**

Top Finalist – World Level Robotics Championship([National](#))

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[Resume is about your skills and work—describe your role}