

Prasanth S

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Education

Madras Institute of Technology, Anna University B.Tech Information Technology	<i>Oct 2022 – Present</i> CGPA: 8.41 (as of 6th sem)
Government Higher Secondary School, Pothanur	<i>Jun 2015 – May 2022</i> HSC: 94%

Skills

Languages	: C/C++, Python, Java
Web Development	: HTML, CSS, JS
DBMS	: MySQL, NoSQL
Tools	: VS Code, Canva, Google Sheets, MS Word, MS PowerPoint, MS Excel
Soft Skills	: Leadership Skills, Team Work, Time Management
Course Works	: Database Management System, Data Structures and Algorithms, Data Science and Machine Learning, Operating Systems, Object Oriented Programming

Projects

- Smart Expense Tracker** [view project ↗](#)
- Full-stack web app for logging and categorizing expenses, featuring automated spending analysis and dynamic dashboards to provide monthly insights and improve budgeting awareness.
 - **Technologies:** HTML, CSS, PHP, MySQL
- Deep Fake Image Analysis** [view project ↗](#)
- Developed a CNN-based system with OpenCV and Flask to detect AI-generated images via eye-region analysis, achieving high accuracy and real-time deepfake classification with confidence scores.
 - **Technologies:** Python, Flask, HTML, CSS, CNN
- EEG-Based Auditory Attention Identification for the Hearing Impaired** [view project ↗](#)
- Developed a deep learning framework using graph attention and transformer models to decode auditory attention and reconstruct speech envelopes from EEG signals for hearing-aid applications
 - **Technologies:** Python, GAN, Transformer (EEGFormer), Temporal Convolution Networks (TCN)

Certificates

- DCA (Diploma in Computer Application) [view certificate ↗](#)
- Gen AI [view certificate ↗](#)
- Prompt Engineering [view certificate ↗](#)
- Python Programming (Beginner to Master) [view certificate ↗](#)

Achievements

- **Presented research paper** at ICCCNT'25 (International Conference on Computing, Communication and Networking Technologies).
- **Winner**, Code in Chaos coding contest, conducted by ITA.
- **Winner**, Block and Tackle event, conducted by ITA.

Active Roles

- **Event Management Head** - Computer Society of MIT (Tech club).
- **Event Management Team** - Book Readers Club, MIT.
- **NSO Member** - Participated in regular sports training and activities promoting teamwork, and discipline.

Hobbies and Interests

- Playing Badminton
- Event Organisation
- Fitness and gym training