

P S SENTHIL SRINIVAS

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EDUCATION

Sri Sairam Engineering College NOV 2021 - PRESENT
Bachelor of Engineering in Electronics and Communication Engineering **CGPA- 8.64**

Lalaji Memorial Omega International School Feb 2020 - Jul 2021
12th standard CBSE **MARKS- 519/600**

Lalaji Memorial Omega International School Feb 2018 - Mar 2019
10th standard CBSE **MARKS- 554/600**

- Centum Score in Foundation of Information Technology
- Passed in Cambridge English Entry level (preliminary and key) EOSL International with 5 star rating in speaking

EXPERIENCE

Genik Technologies Pvt Ltd-Chennai Aug 2023 - present

Research and Development Intern (Aug 2023 - Aug 2024)

- Represented the company in their pitch deck as product analyst in PSG Engineering College.
- Developer and Data Scientist at Reaticle, specializing in optimization techniques.
- Created Python codebase automating journal submission link generation.
- Engineered backend systems to compute cite scores and impact factors for over 7500 journals
- Designed a robust LaTeX code framework enabling diverse graph creation from provided data. **Testing-Conducted** comprehensive product testing to ensure functionality and reliability.

TOOLS USED

- **Jira**: Utilized Jira for Agile project management.
- **Confluence** To streamline documentation and facilitate knowledge transfer
- **slack** Engaged with team members effectively through online workspace platforms.
- **Google Workspace** Developed presentations and fostered effective communication strategies.
- **Git** Version control for tracking updates in code changes
- Python, JavaScript, Node.js, HTML, CSS, EXCEL, Data Structures, PowerPoint, LaTeX

Vithai17-Foundation - Chennai Jul 2023- Present

Founder

- Leading a team of 25 members towards the goal of achieving the 17 sustainable development goals. Conducted various events to promote good health and well being of under privileged people, Fed over 50+ individuals, Provided Certified soft skill courses for free to support quality education. **SKILLS** Leadership, Presentation, Communication

Retech Solution Pvt Ltd - Chennai Aug 2023- Aug 2023

Embedded System intern

- Optimized various hardware controls using Arduino Uno
- Deep understanding of various sensors by creating realtime solutions
- **SKILLS** Proficient in Arduino IDE and TinkerCAD for hardware prototyping and simulation.

ACADEMIC PROJECTS

Voice testing Website

Nov/2023

- Featured an interactive website leveraging MATLAB signal processing to analyze and assess individual voice quality.
- Producing an AI-generated report based on extracted features.
- Developed a tool for converting .wav files to .egg format for medical analysis purposes.

Automat Bin

Aug/2023

- Built a smart dustbin featuring an image processing model leveraging CNN algorithms to classify waste into biodegradable and non-biodegradable categories automatically.
- Integrated hardware and software components using Arduino UNO platform.
- Presented a Paper in First International Conference On Intelligent Computing and Control for Engineering and Business Systems 2023
- Secured 1st place in Innovathon-2.0
- Placed 3rd in SOLveathon-2.0
- Won 1st Place in IPR ideation event

SKILLS

- Certifications:
 - NPTEL- EVS, Virtual Teams, Computer Networks
 - EDX courses-7 and IIITB spoken tutorials-7
- Technical Skills: C, Python, R, HTML, CSS, Node.JS, Java Script, Matlab, Xilinx, Auto Desk, Arduino IDLE
- Language Skills: English (Business Professional), Tamil (Native), Hindi (Understanding and Conversing)

Achievements

- Sai Hackfest-2023 Winner
- Top 73 finalist in SDG hackathon
- Selected in top 1000 3rd level of National Ramanuja Competition 2023
- In 2016, achieved gold medalist status in IMO (International Mathematical Olympiad) competing 1000+ participants.

EXTRA-CURRICULAR ACTIVITIES / LEADERSHIP ROLES

Bureau of Indian Standards Club

Nov 2023- Present

Chairman for Dpt of ECE

- Led the organization of a World Standards Day celebration event managing 10+ team members. Awarded the consolation prize in the BIS meme contest organized by BIS Chennai.

SDG CLUB

FEB 2023- Present

Communicator (A part of MAGIC team) for Dpt of ECE

- Hosted 'Sostener', an event aimed at raising awareness about sustainability to 300+ students
- Served as a guest lecturer representing the team at the SDG Hackathon addressing 1000+ young minds.