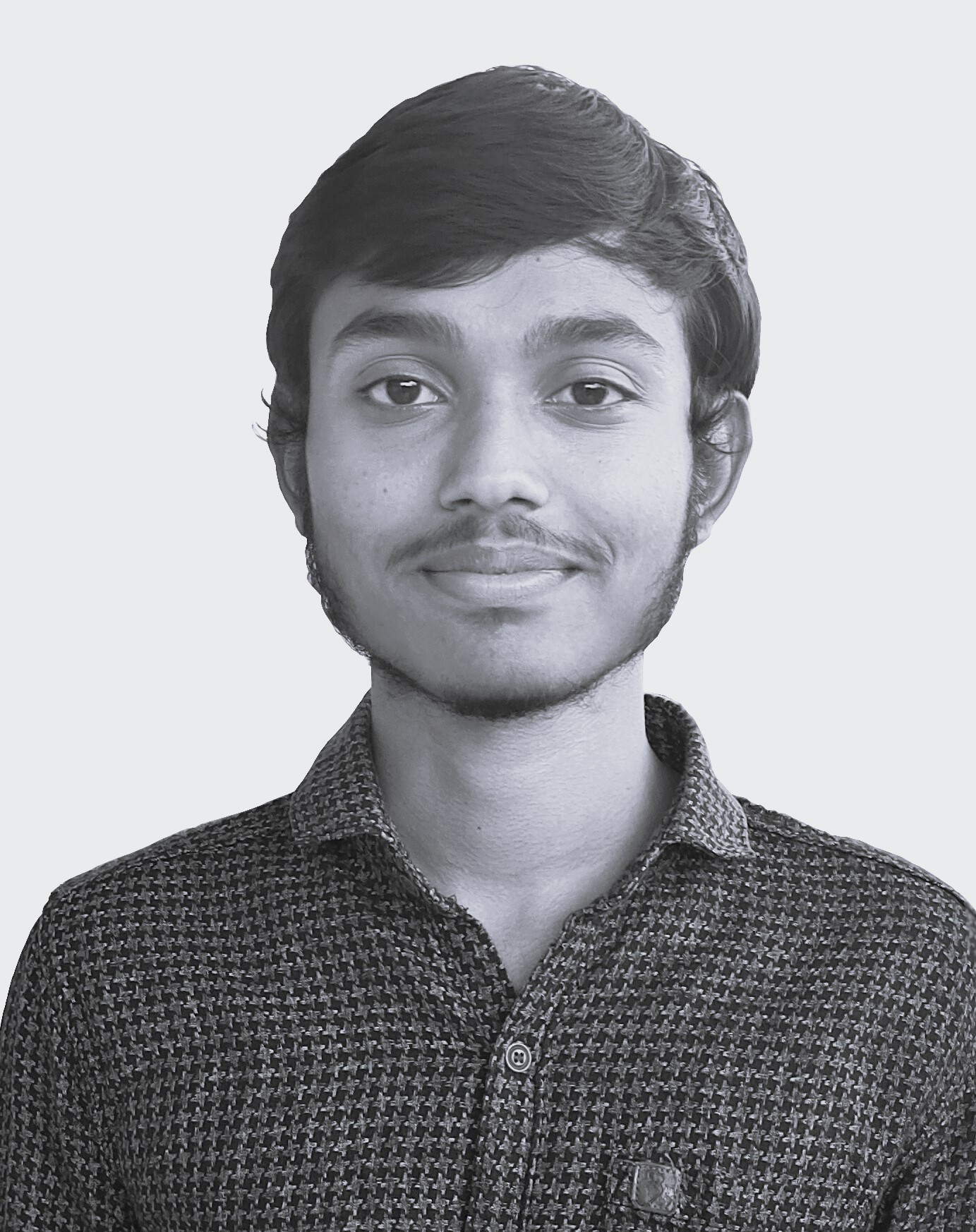
**Lekha Sathvik Devabathini**

+ 91 8331981309 |  [github.com/dlsathvik04](mailto:github.com/dlsathvik04) |  [in/dlsathvik04](mailto:in/dlsathvik04)



 [dlsathvik04@gmail.com](mailto:dlsathvik04@gmail.com) |  [dlsathvik04.github.io](https://dlsathvik04.github.io/#/) |  [Ongole, Prakasam, Andhra Pradesh, India.](https://maps.app.goo.gl/3XbmFUyHHAYcbA2A8)



**Profile:**

Undergraduate student hardened in software development and coding with rigorous exposure to various challenging projects in the areas of Development, AI & ML, and Data Analytics. Proven ability to trigger progress in stagnant projects with useful observations and creative insights with consistent work.

**Education:**

* **Amrita School of Computing: 2021 – Present (B. Tech** **-9.7/10 GPA)**

Computer Science and Engineering, with specialization in AI

* **FIITJEE College, Vijayawada: 2019 – 2021 (11th and 12th – 95.6%)**
* **Jawahar Navodaya Vidyalaya, Ongole: 2014 – 2019 (6th to 10th- 94%)**

**Internship:**

* **Intern at Amrita Centre for Wireless Networks and Applications (Oct 2022 – Present):**
  + Research on applications of Artificial Intelligence in Vehicular Networks.

▪ Machine Learning using Scikit-Learn. ▪ Deep Learning using TensorFlow.

* + Full Stack development for a finance application with scalability in mind.

▪ UI and UX design using flutter ▪ API development using Express.js in Node.js ▪ Database Management using MySQL, PostgreSQL, and MongoDB.

* **Member at ACM-AI@Amrita (Apr 2022 – Feb 2023)**
  + Workshops and club activities.

▪ Machine Learning ▪ Deep Learning ▪ Federated-Learning

**Projects:**

* [**AmPulse: Dec 2023** ](https://github.com/dlsathvik04/Auth)

Amrita exclusive social media apllication built to bridge the gaps beween students of different batches. Bult a good foundation and community for sustainable development.

**Tech Stack:** Node.js, Express.js, React, MySQL

* [**AmritaSREE Auth: Aug 2023** ](https://github.com/dlsathvik04/Auth)

Full-Stack module built using Express and Flutter with basic authentication features as a part of software solution for women SHG’s which is to be scaled to lakhs of users.

**Tech Stack:** Node.js, Express.js, Flutter

* [**Device Control: Aug 2023** ](https://github.com/dlsathvik04/DeviceControl)

Application for real-time control of devices. The application achieves near real-time control among multiple clients using Socket Programming.

**Tech Stack:** Java, Flutter, Dart, Sockets

* [**Portfolio: Apr 2023** ](https://github.com/dlsathvik04/Portfolio)

Created a website for developing my online presence built using Flutter.

**Tech Stack:** Flutter

**Website**:  [dlsathvik04.github.io](https://dlsathvik04.github.io/#/) 

* [**Dyslexia Detection using Machine Learning: Aug 2022** ](https://github.com/dlsathvik04/Dyslexia_Detection)

Web application based on Machine Learning which uses handwriting samples of children to predict presence of dyslexia. Achieved 95% accuracy.

**Tech Stack:** Python, Scikit-Learn, Streamlit

**Skills:**

Full-Stack Development, Mobile App Development, Machine Learning, Deep Learning, Research.

* **Programming Languages:**
  + Java
  + Python
  + JS/TS | HTML | CSS
  + Dart
* **Frameworks:**
  + Express.js
  + Flutter
  + Scikit-Learn
  + TensorFlow
  + Spring
  + Django
  + React
* **Tools:**
  + SQL
  + Git
  + Firebase
  + Bash
  + PowerShell
  + Linux
* **Soft skills:**
  + Project Organisation
  + Technical Writing
  + Presentation

**Courses:**

* freeCodeCamp - [Back End Development and APIs](https://www.freecodecamp.org/certification/dlsathvik04/back-end-development-and-apis) (300 h)
* freeCodeCamp - JavaScript Algorithms and Data Structures (300h)
* [Master Express Framework](https://www.udemy.com/certificate/UC-58bb2611-b0ce-492e-b7cc-eea7bd39ff3c/) – Udemy.
* Data Science with Python (UIITG-220309592)

**Achievements:**

* **Winners- Smart India Hackathon 2022** ([Certificate](https://raw.githubusercontent.com/dlsathvik04/dlsathvik04/main/certifications/SIH2022.jpeg))

Prototyped a machine learning based solution for detection of Dyslexia in children which uses various libraries cloud APIs.