

BODAPATI SOHAN CHIDVILAS

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EDUCATION

Sathyabama Institute of Science and Technology

Bachelor of Engineering, Computer Science

Chennai, India

Aug. 2018 – May 2022

- CGPA: 8.64/10

PROJECTS & EXPERIENCE

Experience in RNIT Solutions and Services Limited

Hyderabad, India

Jun. 2022 – July 2023

- Implementation of tunnelling mesh topologies to make data secure
- Built an application which makes picture optimization.

ML Regression and Classification Projects

Sathyabama Institute of Science and Technology, Guide: Professor M S Roobini

Chennai, India

Feb. 2022 – Aug. 2022

- Identification of Cognitive Impairment by analyzing Type-2 diabetes patients using soft computing techniques.

Undergraduate Bachelors Thesis

Chennai, India

Sathyabama Institute of Science and Technology, Guide: Professor S Revathy

Sep. 2021 – April 2022

- Developed a stratified Computer Vision procedure to extract data from invoices and convert it into JSON and CSV formats. This project has been developed for administrative department in the institution. The research paper on this project is published in [IEEE](#).
- Built an android application using Java, and implemented it in Android Studio to fit in this overview. The data can be helpful for divination based on knowledge engineering and qualitative analysis. It is available publicly on [GitHub](#).
- Database enacts as a significant feature through which output files can be viewed within an android app.

Internship

Bangalore, India

cSoft Tech

July 2021 – Aug. 2021

- Conducted a detailed theoretical study on the enhancement of efficiency in OCR (Optical Character Recognition) to identify in-written characters.
- Engineered an efficient and optimized code to extract tables from the invoices as the existing OCR cannot do. Performed numerous simulations on varying invoices using python to enhance Computer Vision.

Blind Assistant system

- Built a blind assistant that has a voice assistant which helps in identifying objects and tells the accurate distance using the YOLO database (Real-time object detection).

Face detection

- Built a database that identifies faces and records that particular person's name.

Weather Prediction

- Synthesized prediction by implementing Machine Learning models like SVM and Random Forest.
- Optimization of code and relating it to a sport that is directly related to weather using R program.

POSITIONS OF RESPONSIBILITY & SCHOLASTIC ACHIEVEMENTS

- Part of a student-run body for a year, handled various webinars and held workshops.
- Finalists in the national-level project competition in IEEE event.
- Formulating blogs on trending issues for the institution ([Medium](#)).

CERTIFICATIONS

- Python | GUVI Geek Networks || Virtual internship | Microsoft | Accenture |
- Bits and Bytes of Computer Networking | Google | Coursera || White Hacker | EDUONIX |

TECHNICAL SKILLS

Languages: Python | C | R | C++ | Java | MySQL | HTML | CSS | JavaScript | PHP |

IDE: Visual Studio | Jupyter Notebooks | PyCharm | Eclipse | Android Studio |

Libraries: NumPy | Pandas | OpenCV | TensorFlow