

ABINESH S

Ph: 6380825972 | Address: Chennai, Tamil Nadu | Mail: samabi236@gmail.com | LinkedIn: [Abinesh S](#) | GitHub: [Abinesh-S-7](#)

SUMMARY

A dedicated Computer Science student graduating in 2026 with strong coding and problem-solving skills. Experienced in building diverse software applications, including projects in machine learning, computer vision, and web development, using Python, C++, and Java. Possesses a solid foundation in data structures and algorithms, with a passion for developing efficient, real-world software solutions. Eager to contribute to innovative development teams and grow as a versatile software engineer.

EDUCATION

SRI SAI RAM INSTITUTE OF TECHNOLOGY, CHENNAI.	Oct 2022-May 2026(Expected)
BE-Computer Science and Engineering. CGPA: 8.81	
BETHLAHEM MATRIC & HR.SEC.SCHOOL, KARUNGAL.	June 2021-May 2022
HSC Percentage: 90.5%	

TECHNICAL SKILLS

- Programing Languages: C, C++, Python, Java
- Web Technologies: HTML, CSS, JavaScript
- Database Management: SQL
- Tools & Platforms: Git, Visual Studio Code, PowerBI, MS-Office
- Concepts: DSA, OOPS, DBMS, Operating Systems.
- Soft Skills: Problem-Solving, Teamwork, Adaptability, Leadership, Critical Thinking

PROJECTS

ATM SECURITY ENHANCEMENT SYSTEM | (Computer-Vision, Machine Learning) 2023-Present

Technologies Used: Python, Keras, OpenCV, Tkinter, Twilio API, Cloudinary, CSV/JSON.

- Trained a deep learning model using Keras to detect face masks and helmets, enhancing identity verification.
- Integrated PIN entry with OpenCV-based facial recognition to validate user identity in real-time.
- Implemented a security alert system that captures intruder images, uploads to Cloudinary, and sends SMS via Twilio.
- Developed a complete authentication workflow from secure registration to transaction authorization.

WEATHER WEB PAGE | (Frontend Development / API Integration) March-2024

Technologies Used: HTML, CSS, JavaScript.

- Built a responsive web application using to display real-time weather data based on user input.
- Integrated the OpenWeatherMap API to fetch and present dynamic weather details including temperature, humidity.
- Designed a clean user interface with a search functionality to provide a smooth user experience across devices.

INTERNSHIP EXPERIENCE

FRONT-END WEB DEVELOPER | Black Arrow Data Matrix Private Limited | Chennai, TN June 1 – June 30, 2024

- Contributed to the development of responsive and user-centric web interfaces using HTML, CSS, and JavaScript.
- Teamed up with colleagues to sort out development challenges, ensuring smooth and efficient project delivery.
- Came up with user-friendly interfaces and sped up website performance for a seamless user experience.
- Enhanced website performance and user experience by implementing optimized front-end solutions.

ACHIEVEMENTS

- NPTEL Star Award: Recognized as an “NPTEL Star” for outstanding performance in NPTEL online courses.
- Awarded a Certificate of Appreciation for being a Top Performer on the Skillrack Platform.
- Certified in C & C++: Completed a 6-month offline certification course in C and C++ from CCS, with a score of 94%.
- Hackathon Participation: Participated in 12-hour coding hackathon in DSA and 24-hour Web3 hackathon and created a project in Edu-Track (named as Web3Wisdom) using React, Smart Contracts(Solidity), Metamask & Postgree SQL.
- Coursework Completion: Finished NPTEL and Udemy courses in Python for Data Science, Java, SQL, C++, and Data Structures.