

SATHWIK B N

Bengaluru, Karnataka

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Professional Summary

Aspiring full-stack developer and Computer Science Engineering student with hands-on experience in web development, API development, and database management. Proficient in the MERN stack, machine learning, and agile development. Adept at optimizing system performance, enhancing user experience, and delivering project real-world problems. Passionate about continuous learning and contributing to impactful tech projects.

Education

HKBK College of Engineering

B.E. in Computer Science and Engineering

Dec. 2022 - May. 2026

Bengaluru

Sai Angels PU College

Intermediate, PCMC

Jun. 2020 - Apr 2022

Chikkamagaluru

Relevant Coursework

- Data Structures
- Database Management
- Algorithms Analysis
- Machine Learning
- Artificial Intelligence
- Software Methodology

Projects

LocalThread | *MERN Stack*

Aug 2025

- Developed an e-commerce platform enabling local clothing shops to sell products online.
- Implemented user authentication, product management, and order tracking using MongoDB, Express.js, React, and Node.js
- Designed a responsive UI for mobile and desktop, improving accessibility for small business owners

Image Filter Application | *Python, Streamlit, OpenCV*

Dec 2024

- Created a web app to apply artistic filters to images, enhancing user interactivity and usability.
- Implemented dark and light modes for accessibility and visual appeal.

College Enrollment Registration | *PHP, MySQL, HTML, CSS, JavaScript, Bootstrap, and jQuery*

Dec 2024

- Developed a College Enrollment System to streamline student registration and enrollment processes.
- Implemented a database management system using SQL/NoSQL to efficiently store and retrieve student records.

Technical Skills

- **Languages:** Python, SQL, JavaScript, C
- **Tools and Platform:** Git, GitHub, Streamlit, VS code, Postman
- **Database :** MySQL, MongoDB
- **Frameworks and Libraries :** React, Tailwind CSS, Bootstrap, OpenCV, jQuery
- **Technologies & Methodologies:** Machine Learning, Data Structures and Algorithms, Agile (Scrum)

Courses and Certifications

Machine Learning and Deep Learning in Python and R

Jun 2025

Udemy

Ongoing

- Gained hands-on experience with supervised, unsupervised, and deep learning models. Applied techniques using Python libraries (TensorFlow, Keras, Scikit-learn) and R for statistical modeling.

Web Development Course

May 2025

Udemy

Complete

- Gained proficiency in full-stack development, covering HTML, CSS, Tailwind, Node.js, React, MongoDB, Prisma, and deployment techniques.

Data Structures & Algorithms with LeetCode

Jan. 2024

Udemy

Completed

- Gained expertise in fundamental and advanced DSA concepts using C++.
- Solved algorithmic challenges on LeetCode to improve problem-solving skills.