

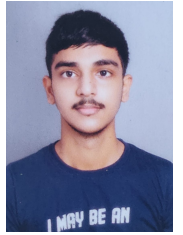
PRATHEEK G SHETTY

Udupi, Karnataka, India, 576223

Full Stack Developer with a passion for Competitive Programming and Web Development.

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Education

Sahyadri College of Engineering and Management

Bachelor of Engineering in Computer Science - 9.713 CGPA

Dec 2022 – Jun 2026

Mangalore, Karnataka

Experience

Sahyadri Open Source Community

Web Developer

Sep 2024 – present

Mangalore, Karnataka

- Managed the SOSC website, working with **Gatsby**, **Next.js**, and **Express.js** to build and maintain a dynamic, fast, and user-friendly web experience.

MyAcolyte Ed Tech

Backend Development Intern

Jan 2025 - Feb 2025

Remote, Bengaluru, Karnataka

- Implemented the backend architecture for their web application and deployed it on AWS Lambda. Worked with ECR, AWS EC2 and DynamoDB

Projects

scAPE | *Next.js, TypeScript, TailwindCSS, ExpressJS*

October 2024

- Developed the backend for scAPE, successfully facilitating registration for **1200+ users** in an event by SOSC, while implementing user registration, dashboard, event enrollment, and payment handling features to deliver a seamless and comprehensive user experience.
- Designed and developed an interactive real-time public event statistics API
- Deployed the application on Google Cloud using **Cloud Run**, and **Artifact Registry**.

LitScout | *Next.js, TypeScript, TailwindCSS, ExpressJS, Google NLP, BERT-CNN*

December 2024

- Designed and implemented the backend for **LitScout**, an automated literature survey tool that scrapes research paper repositories, analyzes and ranks papers based on relevance using salient score metrics, and generates concise summaries of the papers.

AudLock | *Next.js, TypeScript, TailwindCSS, ExpressJS*

July 2025

- Designed and implemented **AudLock**, an audio steganography tool that enables users to securely hide and extract encrypted messages within **.wav audio files**.
- Utilized **AES encryption** and **Least Significant Bit (LSB)** manipulation to embed sensitive data into audio samples without corrupting it.
- Built an **Express.js backend** (deployed it on AWS Lambda via serverless framework).

Technical Skills

Languages: Java, Python, C++, HTML, CSS, JavaScript, TypeScript

Developer Tools: VS Code, Git, Postman, Docker, Cloud Run, Artifact Registry

Technologies/Frameworks: Express.js, Flask, Laravel, React.js, Next.js, Node.js, MongoDB,

Organizations

Community Organizer - Sahyadri Open Source Community

September 2024 – present

- Organized DevHost 2024, hosting **30+** industry speakers and attracting **1000+** attendees over the course of 3 days.
- Serving as the Community Organizer, leading a team of **22 members**, enhancing **technical and leadership skills**, and promoting **open-source** through collaborations with GDSC, IEEE, and FOSS United, Mangalore
- Presented a session on **Competitive Programming** to guide my juniors

Achievements

Smart India hackathon 2023 Finalist

Developed a RASA based chatbot for inter-departmental communication

December 2023

Qiscet-Vegamukkapalem, Andhra Pradesh

Coding Ninjas - Coding Cup 2023 Finalist

Participated in the finals and secured an all-india rank of 387.

December 2023

SCEM

1st place in BugHunt and 2nd place in Code Quest - Aakriti'24

Achieved first place in multi-language BugHunt and second place in a competitive coding contest

May 2024

CEC, Mangaluru

1st Place in Code And Conquer - Sambhram'24

Achieved first place in DebugTheCode and CodeAndConquer and second place in BlindCoding

Dec 2024

SDIT, Mangaluru