

SATHWIK GOWDA K S

+919743338802 sathwiks21@gmail.com [LinkedIN](#) [Github](#)

ABOUT ME

Full-stack developer with expertise in software development, machine learning, and cloud computing. Passionate about building scalable and efficient solutions. Focused on innovation, problem-solving, and delivering high-quality applications.

EDUCATION

Pre-University(State board)
Sharadha PU college Mangalore (PCMC)
percentage:94%

Bachelor of Technology (B.Tech)
Computer Science & Engineering
PES University, Bangalore, India
August 2021 – June 2025
GPA: 7.9/10

SKILL

Programming Languages:
Java, C++, JavaScript

Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, Nextjs

Cloud & DevOps: Docker

Blockchain: Smart Contracts

Networking & Security:
Cryptography,Socket Programming

Database Management:
MySQL, PostgreSQL, MongoDB

Tools & Technologies: Git, GitHub, Postman

CERTIFICATES

DSA :
1. Mastering DataStructures and Algorithm by Abdul Bari

Web Development:
1. 0-100 cohort web dev by Harkirat singh
2. Complete Full stack Web dev by Angela Yu

ACHIEVEMENT

• **Sports Achievement:**
University Cricket – Runner-up Team

• **Community Involvement:**
Member of Regional Club

PROJECTS

Online Chess Game | Full-Stack Real-Time Multiplayer
Tech Stack: Node.js, Express.js, Socket.io, Chess.js, MongoDB
Developed a real-time multiplayer chess game using Chess.js for move validation and Socket.io for real-time gameplay. ([Link](#))

LAN-Based Personal Cloud Storage | Full-Stack Local Network File Hosting
Tech Stack: React.js, Node.js, Express.js, File System (fs), REST API, LAN Networking
Developed a local network-based private cloud system where users upload/download files using access keys. Built with a React frontend and Node.js backend, with provider laptops acting as distributed storage nodes managed by a central controller. ([Link](#))

Image Upload and Optimization | Next.js & ImageKit Integration
Tech Stack: Next.js, ImageKit.io, TypeScript, Tailwind CSS
Built a web application to upload, optimize, and deliver images using ImageKit's CDN and transformation APIs. Implemented secure client-side uploads, real-time previews, and optimized delivery with responsive image support. ([Link](#))

ONGOING MAJOR PROJECT

Real-Time Deepfake Detection Platform| Next.js & Deeplearning Integration
Tech Stack: React.js, Node.js, Express.js, Tailwind CSS, MongoDB
Developed a full-stack web application to detect and flag AI-manipulated MRI scans in real time.

COMPETITIVE PROGRAMMING

CodeForces: Solved over 120+ problems and participated in 50+ Codeforces contests ([Link](#))

LeetCode: Solved over 100+ problems ([Link](#))

GeeksForGeeks: Solved over 50+ problems([Link](#))

HACKATHONS

CTF COMPETITION | Participant | Top 50
Ranked in the Top 50 in a Capture The Flag (CTF) competition, demonstrating strong capabilities in cybersecurity and ethical hacking.