



S SHYAM PRASATH

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B.Tech, Computer Science and Engineering

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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

Summary

Passionate Web Developer proficient in HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, and React. Currently exploring backend development with Node.js, Express.js, and MongoDB, alongside gaining hands-on experience in machine learning. Eager to build scalable full-stack applications and apply intelligent solutions through the integration of AI technologies.

Education

SRM IST-Ramapuram

B.Tech · Computer Science and Engineering

2026

CGPA - 9.5/10

Aditya Vidyashram Poraiyur

Class XII - Central Board of Secondary Education (CBSE) · mpc · Poraiyur, Villianur, Puducherry - 605110

2022

Percentage - 84%

Velammal Vidyalaya

Class X - Central Board of Secondary Education (CBSE) · “Velammal Village”, Velammal Medical College Campus Madurai – Tuticorin Ring road, Anuppanadi, Madurai – 09

2020

Percentage - 79.4%

Experience

Rinex technologies pvt ltd

Machine Learning Intern · Intern · Internship

Jul 2023 - Sep 2023

Skilled in data analysis with NumPy, Pandas, and machine learning using TensorFlow. Experienced in OpenCV for image processing and building interactive apps with Streamlit. Analyzed CSV datasets and implemented real-time image processing on images and video inputs.

OASIS Infobyte

Web Development Intern · Intern · Internship

May 2024 - Jul 2024

Interned in web development, specializing in HTML, CSS, JavaScript, and MERN stack. Built responsive, cross-browser login pages and developed a Job Search Portal with user role authentication for job seekers and employers.

Projects

Connect 360 | <https://github.com/Shyam-Prasath/Connect-360-Frontend>

Leap Finance · React js , Express Js , Mongo Db , Node JS

Jun 2025 - Present

web development

Built a full-stack web platform with individual logins for students, recruiters, and professionals. The system allows users to post content with comments, upload and share documents, send and manage connection requests, and chat with connected users in real-time.

Web 3 Deployer | <https://github.com/Shyam-Prasath/web-3-deployer>

Personal Project · React.js , TailwindCSS, Drizzle ORM, Neon Database , IPFS, Web3Storage, Web3Auth, Smart Contracts , Google Gemini AI

Feb 2025 - May 2025

Blockchain & AI Integration

Web 3 Deployer is a decentralized hosting platform that allows developers to deploy websites and dApps using blockchain technology. It integrates IPFS for censorship-resistant storage, smart contracts for permanent deployments, and Web3Auth for secure decentralized authentication. The platform also includes AI-powered features via Google Gemini for intelligent user interactions, along with real-time analytics dashboards to monitor and engage users effectively.

Real-Time Chat Application | <https://github.com/Shyam-Prasath/Chat-World-Frontend>

Personal Project · React js,Express Js,Mongo Db,Node JS,Socket.io

Sep 2024 - Nov 2024

Web Development

Developed a real-time chat application with user authentication, one-on-one messaging, and group chat features.

Implemented WebSockets using Socket.io for seamless communication. Integrated JWT Authentication for secure access and used MongoDB for storing messages and user data.

TechStrike – Pool Management System | <https://github.com/Shyam-Prasath/Tech-Strike-Frontend>

Jul 2025 - Aug 2025

Team Project · React.js , TailwindCSS , Drizzle ORM , Neon Database , IPFS , Web3Storage , Web3Auth , Smart Contracts , Google Gemini AI

AI Integration & Blockchain

TechStrike – Pool Management System is a blockchain and AI-powered platform for managing consultant talent pools. It provides secure Metamask wallet login with blockchain-based role verification and role-based dashboards. Admins can post jobs, track attendance, and view AI-driven analytics, while consultants can upload resumes for AI parsing, ATS scoring, job matching, and skill gap analysis. The system also offers personalized training suggestions and attendance insights. Built with React.js, Node.js, Express, Supabase, and Ethereum smart contracts, TechStrike ensures secure, transparent, and intelligent workforce management.

TraceBloom Transparent Agricultural Supply Chain with Blockchain | <https://github.com/Shyam-Prasath/TraceBloom-Frontend>

Oct 2025 - Present

Natwest Hack4Cause & Group Project · React Js , TypeScript , Tailwind CSS ,

Web Development & Blockchain

Node.js , Express , PostgreSQL , Prisma , Cloudinary , Smart Contracts , Ethers.js , QR

Code Integration

TraceBloom is a blockchain-powered platform connecting farmers, distributors, and consumers to ensure a transparent and trustworthy agricultural supply chain. Users can track produce authenticity via QR codes, manage shipments, and execute secure smart-contract-based payments. Built during NatWest Hack4aCause 2025, the project promotes sustainability, accountability, and seamless transactions in agriculture.

MediBook – AI-Powered Online Doctor Appointment & Consultation System | <https://github.com/Shyam-Prasath/MediBook-Frontend>

May 2024 - May 2024

Self Project · React , TypeScript , Node.js , Express.js , MongoDB , WebRTC ,

Full-Stack & AI-Integrated Application

Socket.IO , TailwindCSS , REST API , JWT Authentication

MediBook is an AI-powered online doctor appointment and consultation system that streamlines healthcare scheduling. The platform features an intelligent slot recommendation engine that ranks appointment times based on congestion, peak hours, urgency, and user preferences. It supports automated slot generation, real-time booking updates, and role-based panels for doctors, admins, and patients. Secure video consultations are enabled using WebRTC. The system enhances booking efficiency, reduces waiting time, and improves overall user experience.

Awards

Founder Fourm (Start Up Pitching)

Aug 2024

SRM Institute Of Science And Technology , Ramapuram , chennai · Department Of EEE

IoT-Based Food Spoilage Detection and Alert System

Proposed an innovative IoT solution to detect and prevent food spoilage using temperature, humidity, and gas sensors integrated with real-time mobile alerts. The idea includes a working prototype designed for easy implementation in local bakeries and small shops, aiming to reduce food waste and ensure safety through smart monitoring.

Certifications

Advanced React

Apr 2024

Meta · HKLHZSL4R2SH

Built robust and reusable components using advanced techniques and design patterns to enhance maintainability. Integrated APIs to fetch and post data from remote servers, ensuring smooth data interactions. Implemented seamless testing with React Testing Library to improve application reliability. Utilized commonly used React libraries to streamline development and optimize performance.

MongoDB CRUD Operations in Node.js

May 2024

MongoDB , INC · MDBh99d59yp28

Implemented MongoDB CRUD operations in Node.js, enabling seamless data management. Used **Mongoose** for efficient schema modeling and database interaction. Developed APIs to **Create, Read, Update, and Delete (CRUD)** data, ensuring optimized performance and scalability. Integrated error handling and validation for data integrity.

IBM Backend On NodeJS And ExpressJs

Apr 2024

IBM · 8EEX43T55F35

Developed server-side applications using the Node.js runtime, integrating third-party packages and frameworks like Express.js. Efficiently managed dependencies with npm and implemented asynchronous operations using callbacks and promises for improved performance and scalability.

Volunteering

Lotus Foundation

Voluntary Work · Education & Public Health Awareness

May 2024 - Jun 2025

Actively participated in social initiatives, creating awareness among school students about the importance of higher education. Contributed to public health awareness campaigns, engaging communities through informative sessions. Recognized by the Lotus Foundation for dedication and commitment to volunteer work

Competitions

Webtopia

Apr 2024

Participated · Texus SRM Institute of science and technology

Tech Quiz & Web Development Challenge – Tourism Website Project

Participated in a two-round competition. Cleared the first round, a technical quiz, and advanced to the second round where, as a team of four, we developed a functional tourism website showcasing key destinations, attractions, and travel information.

Cybertriathlon

Apr 2023

Participated · SRMIST Ramapuram

Successfully completed a multi-round competition focused on cybersecurity. Cleared the first round through a quiz, followed by a second round involving scenario-based questions on cyber awareness and practical solutions. Reached the final round, which consisted of a stress interview testing real-time problem-solving and communication under pressure.

Seminar & Sharktank

Feb 2024

Participated · Cyber Carnival'24 SRMIST Ramapuram

Idea Pitch: Decentralized Social Media Platform for Secure Communication

Presented an innovative idea to develop a decentralized social networking platform aimed at enhancing user privacy, security, and identity authenticity. The proposed solution utilizes blockchain technology to protect user data and chats from centralized control or breaches. Key features include end-to-end encrypted messaging, decentralized identity verification to prevent duplicate accounts, and zero-knowledge proofs for private user interactions. The platform also envisions token-based user rewards, content ownership via NFTs, and community moderation to ensure a safer, more user-centric social environment.

Mavericks Gen AI Hackathon

Aug 2025

Participated · Panimalar Engineering College, Poonamallee, Chennai · Mavericks

Designathon – Hexaware Associates

Actively participated in a team-based hackathon where we developed **TechStrike**, a web and mobile application with dual login modes for **Admin** and **Consultant**. Consultants had access to four core modules – Resume, Opportunities, Training, and Attendance – all monitored by AI models for performance and engagement. Admin users could post jobs and attendance, while leveraging AI-driven dashboards to monitor and analyze consultant activity in real time. The project showcased AI integration, multi-platform development, and practical problem-solving under a competitive environment.

NatWest Hack4aCause 2025

Oct 2025

Participant · NatWest Group (Organizer) & Snowflake (Partner for LearnAix platform integration)

Participated in **NatWest Hack4aCause 2025**, contributing to the development of **TraceBloom**, a blockchain-based platform for transparent agricultural supply chains. Focused on smart contract-driven payments, batch traceability, and role-based dashboards for farmers, distributors, and consumers. Collaborated with a cross-functional team to design scalable architecture and deliver a functional end-to-end prototype within the hackathon timeline.

Skills

Programming Languages: HTML5,CSS,Javascript,python

Languages and Frameworks: React.js,Node.js,Express.js,pySpark

Technical Skills: MongoDB , Mongoose (NoSQL Databases)

Tools and Technologies: Git,Github,Vs Code , Postman

Languages

English [Professional Working Proficiency], Tamil [Native Proficiency]

Links

[GitHub](#), [LinkedIn](#), [LeetCode](#)