

Krishna Shekhar

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EDUCATION

SRM Institute of Science and Technology, Kattankulathur

Aug 2023 – Jul 2027 (Expected)

- Bachelor of Technology in Computer Science Engineering (CORE), CGPA: 8.5/10.00
- Relevant coursework: Object Oriented Design and Programming, Data Structures and Algorithm, Computer Organization and, Operating Systems.

ACADEMIC PROJECTS

Eco Farm

Sep 2024 - present

- Created a user-friendly website for farmers that incorporates AI-powered insect outbreak forecasts and Internet of Things (IoT) sensors (MQ-135) for tracking soil ammonia and CO2 levels.
- Using Socket.io and Chart.js, a neural network for leaf image processing was implemented with 94% validation accuracy and real-time sensor data display.

Job Connect

Sep 2024 – Oct 2024

- Developed a job website using the MERN stack with secure authentication and dynamic job postings.
- Integrated MongoDB, Express.js, Node.js, and React.js to manage data and create a responsive user interface.

Event Management webapp

Sep 2024 - Oct 2024

- Built an event management system using Node.js, Express, and MongoDB, providing CRUD operations for events with a clean, scalable MVC architecture.
- Designed a flexible backend service that can be expanded with features like authentication and event categorization.

Music Player app

May 2024 – June 2024

- Developed a functional music player using Reactjs Context API and hooks like use State, use Effect, and use Ref, with features like play, pause, track navigation, and seeking.
- Managed global state using context for a seamless user experience, playing songs from a predefined list.

EXTERNAL PROJECTS

Drum Kit Game

May 2024 – June 2024

- Developed an interactive drum kit using JavaScript, utilizing event listeners for both mouse clicks and keyboard inputs to trigger sound playback.
- Implemented audio playback and button animations for real-time user feedback, enhancing the interactivity and responsiveness of the web application

CO-CURRICULAR ACTIVITIES

Liftoff @SRM – Tech Club

Mar 2024 – Aug2024

- A tech club offering specialized domains such as Web Development and AI/ML, aimed at fostering innovation and skill development through hands-on projects and workshops.

Coding Ninjas @SRM -Tech Club

OCT 2024 – Present

- A multidisciplinary tech club that focuses on areas like Web Development , AI/ML, and App Dev, empowering members to explore and innovate in diverse technology fields.
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AWARDS & ACHIEVEMENTS

Hackathons - Qualified for the 2nd place in Ideathon @srm, Placed 4th in HACKRUSH 1.0 By QWIKLABS@SRM.

SKILLS

- Programming Language – Python, JavaScript, SQL, C++, C, HTML/CSS,
- Web/App development – Express.js, Node.js, Flask, Flutter, MongoDB, React.js, Postman, Tailwind CSS
- OTHERS – Cyber security enthusiast, Leadership, Teamwork, Sociable/Amiable, Critical/Analytical thinking