

# Aalan sason singarayan A

LinkedIn: [linkedin.com/in/aalan294](https://www.linkedin.com/in/aalan294)

Github: [github.com/aalan294](https://github.com/aalan294)

Email: [aalansasonsingarayan@gmail.com](mailto:aalansasonsingarayan@gmail.com)

Mobile: +91-8524889202

## EDUCATION

- SRM Institute of Science and Technology** Chennai, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 9.65* July 2022 - June 2026
- Sri Ambal Vidhyalaya [CBSE]** Thoothukudi, India  
*High School Diploma - Computer Science; Percentage: 88.8%* July 2021 - June 2022

## SKILLS SUMMARY

- Languages:** Javascript, Solidity, C++, JAVA, Python
- Frameworks:** NodeJs, Express.js, Mongoose, React, Web3.js, Truffle, OpenZeppelin
- Databases:** MongoDB
- Tools:** GIT, GitHub, Thunder Client, Visual Studio Code
- Platforms:** Web, Windows, Etherscan, Metamask
- Soft Skills:** Leadership, Problem-solving, Adaptability, Continuous learning, Time Management

## PROJECTS

- BioHeritageHub - A Decentralized Eco Platform** (Solidity, DApp Development): Developed a decentralized application (DApp) on the Ethereum blockchain to support bioheritage conservation. Users can organize eco-friendly events, earn ERC20 tokens for participation, and use these tokens in a marketplace for local artisan products.  
**Tech:** Solidity, Ethereum, React, Smart Contracts, ERC20 Tokens (July '24)
- Web3Chat - A Decentralized Messaging Application** (Solidity, DApp Development): Developed Web3-Chat, a decentralized messaging platform utilizing Solidity smart contracts and React, enabling secure communication on the Ethereum blockchain.  
**Tech:** Solidity, Ethereum Blockchain, React, Truffle, Remix IDE, Web3.js (March '24)
- Pizza Delivery Application** (MERN Stack, Web Development): Developed a mobile-responsive web app for streamlined pizza ordering, integrating React, Node.js, MongoDB, and secure payment solutions.  
**Tech:** React, NodeJs, Express.js, MongoDB, Razorpay Gateway, Nodemailer (February '24)
- ZenChat - RealTime Messaging Application** (MERN Stack, Web Development): Engineered ZenChat, an encrypted messaging platform ensuring privacy, powered by React, Node.js, MongoDB, and JWT Tokens.  
**Tech:** React, NodeJs, Express.js, MongoDB, socket.io, JWT Tokens, Nodemailer (December '23)

## CERTIFICATIONS

- Blockchain Specialization** | Coursera - University at Buffalo, The State University of New York
- Advanced React** | Coursera - Meta
- Developing Backend Apps with Node.js and Express** | Coursera - IBM

## ACHIEVEMENTS

- Winner of Idea Ignite Hackathon** Aug 2024  
*An Open Hackathon hosted by the CodeByte Company.*
- Winner of Hack4BioHeritage Hackathon** May 2024  
*A Hackathon hosted by the Greensphere Society of IGDTUW in collaboration with Heritage Bioscope*
- Winner of OOFY HACKS 1.0 Hackathon** April 2024  
*A Web3 hackathon organized by OOFY Community.*

## EXTRACURRICULAR ACTIVITIES

- Technical Co-Lead at Techwiz Club** Feb 2024 - Present  
*A Technical Club at SRM Institute of Science and Technology*
- Part of the organizing team for a technical event named CodeWeb.** April 2024  
*CodeWeb is a technical event organized by our club, Techwiz, as a part of the Texus event.*