Alok Raj

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EXPERIENCE

Associate @ Next Tech Lab, AP   Nov 2025 - present

Part of India's premier student-led research hub and the only Indian organization to win the **QS Reimagine Education Silver Award** at the Wharton School, UPenn. Operating in an 'anti-disciplinary' ecosystem inspired by **MIT and UC Berkeley**, I collaborate on high-impact projects in UI/UX and Full-Stack development within **Norman Lab**, bridging the gap between emerging research and scalable software solutions.

Member @ The Singularity Advance Research Lab   Sep 2025 - present

Web Developer at The Singularity Advanced Research Lab, a Microsoft Student Community initiative focused on AI, Quantum, and Robotics. I design and deploy the web ecosystems that power advanced technical research and rapid prototyping.

Innovative Computer Science student with strong problem-solving skills, committed to growth, and aspiring to excel in full-stack development.

PROJECTS

Singularity Lab website   Website Link

Modern web platform showcasing innovative tech solutions, projects, and services with an intuitive design and seamless user experience.

Listify - 1st Full-Stack Project   Website Link

Developed and deployed a full-stack web application that allows users to add, edit, and delete listings, as well as write, update, and remove reviews.
- **CRUD operations:** Add, edit, and delete listings; write, update, and remove reviews.
- **Authentication:** Secure login/logout to prevent unauthorized access and avoid scammers.
- **Maps Integration:** Interactive maps to display and locate listings.
- **Deployment:** Hosted on Render with MongoDB Atlas for scalable database management.

SPOTIFY CLONE   Link

Developed a responsive music player interface inspired by Spotify using HTML, CSS, and JavaScript. Implemented key features such as play, pause, next/previous track, and progress bar control while focusing on creating an engaging user experience with modern layouts, styling, and animations.

3D Portfolio Website   In Development

An interactive 3D portfolio showcasing the fusion of Full-Stack Web Development and Spatial Design. Built using modern web frameworks, the site features custom 3D visualizations, immersive UI/UX, and optimized assets, demonstrating my ability to build high-performance, visually-driven digital experiences.

SKILLS

Programming Languages :	C, JavaScript, C++
Frontend / Frameworks :	HTML, CSS, Bootstrap, JavaScript, EJS, React
Backend / Web3 & APIs :	Node.js, Express.js, RESTful APIs
Databases :	MySQL, MongoDB
Data Structures :	Stacks, Queues, Linked Lists, Trees, Graphs, Sorting & Searching
Tools & Version Control :	Git, GitHub
Areas of Interest :	Cybersecurity, Cloud Computing
Soft Skills :	Problem Solving, Self-Learning, Teamwork, Adaptability

EDUCATION

2024 - 2028	Bachelor's Degree at **SRM University, AP**	(GPA: 9.52/10.0 & Last Sem - 9.727 SGPA)
2021	Class 10th CBSE (S.D Vidyapith, Samastipur)	(90.4 %)