

Nikhil Balamurugan

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Skills

Languages:	Python, C, C++, Java, Typescript, JavaScript, SQL
Tools/Frameworks:	TensorFlow, PyTorch, OpenCV, Mediapipe, PyAudio, API, React.js, Node.js, Flask, HTML, CSS, Numpy, Generative AI, Git, Github, Ui/UX, Visual Studio, Data Analysis, JSON, Linux, Tailwind
Technologies	Data Structures, Algorithms
Soft Skills	Adaptability, Collaboration, Effective Communication, Time Management

Experience

Google Developers Group on campus SRM <i>Technical Team Member</i> <ul style="list-style-type: none">Developed a QR code scanner for event check in for managing events.	<i>May 2025 - Present</i>
Computer Society of India, SRM <i>Team Member</i>	<i>Feb 2025 - Present</i>
Social Winter of Code 5.0 <i>Open Source Contributor</i> <ul style="list-style-type: none">Contributed to real world open source projects and made it to the top 100 contributors.	<i>Jan 2025 - March 2025</i>
Aaruush, SRM <i>Student Volunteer</i>	<i>Aug 2024 - Feb 2025</i>

Education

SRM Institute of Science & Technology, Kattankulathur Bachelors of Technology in Computer Science and Engineering	<i>Aug 2024 - Present</i> <i>CGPA - 9.09</i>
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Projects

Guard AI <ul style="list-style-type: none">Developed a real-time AI-based remote proctoring system that ensures secure, fair online assessments. It tracks website activity, detects speaking, and monitors user focus during exams, generating detailed session reports.	<i>Jan 2025 - Mar 2025</i>
QR Event Check-in <ul style="list-style-type: none">Developed a QR-based event check-in system with backend and frontend application designed to manage college event check-ins using QR codes.Users can register for events, receive a unique QR code, and check in on the event day. Admins can manage events, view attendees, and export attendee data.User Features register using name, email, student ID, and password. Login with JWT-based authentication.	<i>Apr 2025 - May 2025</i>
Fit You <ul style="list-style-type: none">Designed and Developed Fit You which redefines fitness with AI-driven personalized plans for workouts and diets. Empowering fitness journey with technology and expertise, it adapts to your goals and lifestyle.Get meal recommendations tailored to your dietary preferences, including a mix of Indian vegetarian and non-vegetarian options.	<i>Oct 2024 - Dec 2024</i>

ACHIEVEMENTS & CERTIFICATES

- Completed NPTEL in Object Oriented Programming with 75% Silver Badge
- Top 25% in Build with India Hackathon By Google
- Top 100 in Social Winter of Code 5.0 open source contribution
- Finalist in IIT Madras Embedded programming challenge
- Finalist in IIT Madras Shaastra Programming contest
- Finalist in IIT Madras Clash of Codes Contest
- The only First year team to qualify for the Finals of Quantathon 2.0 24 hours Hackathon.
- Participated in TechXcelerate BITS Pilani Hyd Hackathon
- Participated in MOZOHack 6.0 24 Hours Hackathon and got in Top 20 Teams out of 750+ Teams.