

PRINCE KEVIN KARTHIK

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PROFESSIONAL SUMMARY

Motivated Electronics Engineering student specializing in VLSI Design & Technology at Rajalakshmi Institute of Technology with experience in backend development, AI-based systems, and hardware-software integration. Skilled in Java, MySQL, Git/GitHub, HTML, C++, and UI-focused development. Passionate about building innovative technology solutions, participating in hackathons, and contributing to technical communities through leadership and volunteering.

EDUCATION

Rajalakshmi Institute of Technology, Chennai

May 2028

B.E. Electronics Engineering – VLSI (Design & Technology)

Related Coursework: Database Systems, Computer Science, Operations Management, Management, Business Software Development

GPA: 8.01/10

RELEVANT EXPERIENCE

CodeSapiens-The Student Community of Coders

April 2026 - Present

Community Volunteer

- Assisted in organizing technical events, coding activities, and student engagement initiatives
- Collaborated with peers to promote learning opportunities and community participation

Institution of Engineers of India - Rajalakshmi Institute of Technology

April 2026 - Present

Public Relations Officer(PRO)

- Managed communication and promotional activities for technical events
- Coordinated with students and organizers to improve participation and visibility

Nexora

April 2026 - Present

Community Volunteer

- Contributed to student-focused technical and collaborative initiatives
- Supported event coordination and outreach activities

PROJECTS

Tracky – College Bus Tracking System

Built an entry-level smart bus tracking prototype using Arduino. Implemented RFID/QR-based student scanning system with LCD confirmation display. Designed to improve student transportation monitoring and boarding verification.

AI-Based Train Conflict & Scheduling Assistant

Developed a concept for an AI-powered railway scheduling assistant for SIH 2025. Designed to detect train conflicts, optimize precedence, and dynamically reschedule trains. Focused on reducing delays and improving railway punctuality through intelligent automation

ACHIEVEMENTS

First Place – HackRush SDG Hackathon, Titanium 26' at Rajalakshmi Engineering College

Secured first place in the HackRush SDG Hackathon by developing an innovative solution focused on real-world problem solving and technology-driven impact. Competed against multiple student teams and demonstrated strong teamwork, technical implementation, and presentation skills. Awarded a cash prize of ₹15,000 for outstanding performance and project execution.

SKILLS

Programming & Development: Java, C++, HTML, MySQL, Git/GitHub

Technical Areas: Vibe Coding, UI/UX Design, PCB Design

Tools & Platforms: Arduino, MongoDB

Soft Skills: Public Relations, Team Collaboration, Event Coordination