

# KEERTHIVASAN S

## CONTACT

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## EDUCATION

LOYOLA ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY , CHENNAI

B.Tech Information Technology 2023 - 2027

CGPA : 7.7 (End of 4<sup>th</sup> semester)

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## PROJECTS

### SMART TRAFFIC SIGNAL

- Designed a traffic signal system using sensors to detect vehicle presence and manage signal timing dynamically.
- Reduced wait time by switching green lights to busy lanes during peak hours.

### CAPTCHA GENERATOR

- Built a CAPTCHA generator in JavaFX using custom packages to enhance form security.
- Generated random alphanumeric codes with visual distortion to prevent bot submissions.

### DATABASE MANAGEMENT

- Developed a web-based pharmacy management system using SQL, PHP, and HTML to handle tablet inventory and online orders.
- Stored user order details and tablet information in structured database tables for efficient tracking and management.

### SPORTIZEN – AI-POWERED SPORTS NETWORKING PLATFORM

- Developed an AI-powered sports platform enabling athlete verification, event discovery, and coach networking with role-based access.
  - Implemented ML-based personalized content recommendations to deliver sport-specific events, posts, and opportunities.
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## TECHNICAL SKILLS

- Python
  - Java
  - C
  - HTML/CSS/Javascript
  - SQL
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## WORK EXPERIENCE

### INPLANT TRAINING

Rajiv gandhi memorial telecom training center , meenambakkam  
completed one week internship about telecommunication in BSNL

### INTERNSHIP

Collaborated in a team to develop a full-stack IPO tracking and stock market analysis platform, contributing primarily to the frontend development using React.js, React Router, and Tailwind CSS for responsive and user-friendly UI.

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## CERTIFICATES

- MATLAB Onramp
- Statistics Essentials with Python
- CSS3
- CompTIA Network+: Ports & Protocols