

# PREM KUMAR E

An Aspiring Software Engineer



Linkedin



Github



Portfolio



Mail



Phone

## Education

**Chennai Institute of Technology**

Bachelor of Engineering in Computer Science

2023 – 2027

CGPA: 8.92

## Experience

**Tech Octanet Services Pvt Ltd**

May 2024 – Jul 2024

Front-End Development Intern

(Remote)

- Developed and optimized web features using HTML, CSS, and JavaScript, leading to a 20% improvement in site speed and a 15% reduction in page load time.
- Collaborated with UX/UI designers to implement scalable solutions using NodeJS and ReactJS, resulting in a 30% increase in development speed and enhanced application performance.
- Link: [Octanet.in](https://octanet.in)

**Google Virtual Internship (Eduskills)**

Jul 2024 – Sep 2024

Android Developer

(Remote)

- Developed Android applications using Java and Kotlin, improving app performance and user experience.
- Collaborated with teams to implement features that enhanced app functionality by 25%.
- Optimized codebases for better efficiency, resulting in a 20% reduction in app crashes and bugs.
- Link: [android.developer.com](https://android.developer.com)

## Projects

**Decentralized Shipment Tracking / Blockchain, Solidity, ReactJS**

Sep 2024 - Oct 2024

- Developed a blockchain-based platform for tracking shipment details securely and transparently.
- Implemented smart contracts using Solidity for real-time shipment status and payment verification.

**Full Stack Education Website / HTML, CSS, JavaScript, ReactJS, Flask, MongoDB**

Aug 2024 - Sep 2024

- Built a full-featured education platform with courses, quizzes, and user progress tracking.
- Implemented secure user authentication and dynamic content updates using ReactJS and Flask.

**Product Defect Detection using CNN / Deep Learning, Python**

Nov 2024 - Dec 2024

- Developed a deep learning model using Convolutional Neural Networks (CNN) for automated product defect detection.
- Trained and tested the model on a dataset, achieving high accuracy in identifying defects and improving inspection efficiency.

## Competitive Programming Profiles

**Leetcode:** Achieved **Top 19 percent** globally with a contest rating of **1,574**, solving 250+ challenges [Link](#)

**Codechef:** Achieved a contest rating of **1,300**, demonstrating strong problem-solving and algorithmic skills [Link](#)

**Codeforces:** Earned the rank of **Pupil** with a contest rating of **385** [Link](#)

## Technical Skills

**Languages:** Java, C/C++, Python, Java, HTML, CSS, JavaScript, SQL

**Tools/Frameworks:** NodeJS, ExpressJS, ReactJS, Git/GitHub, MongoDB

**Soft Skills:** Project Management, Team Collaboration, Adaptability, Critical Thinking, Problem Solving, Leadership, Campus Ambassador

## Achievements/Leadership

**Hack4Change'24 Finalist / CIT Chennai**

**IMUN Campus Ambassador / IMUN**

**250+ Problem Solved | Leetcode**

**Electrothon'24 Runner / CIT Chennai**

**Tezos Runner / CIT Chennai**

## Certifications

**Cisco Cyber Security Essentials** [Link](#) - Cisco, Mar 2024

**Infosys Springboard Internship** [Link](#) - Infosys, Jul 2024

**Introduction to Cybersecurity** [Link](#) - Cisco, Mar 2024

**Front End Development Course (Meta)** [Link](#) - Coursera, Jun 2024

**Database Management System** [Link](#) - NPTEL, Mar 2024

**Cloud Computing** [Link](#) - NPTEL, Dec 2024