

# Prashant kumar

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Enthusiastic B.Tech student specializing in Electronics and Communication Engineering with strong **web development** skills. Experienced in **front-end** and **back-end** technologies with a passion for continuous learning and innovation.

## Skills

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- Programming: **JavaScript, C++ , Python**
- Web Development: **React, Next.js, HTML, CSS, Node, Express**
- DevOps: **Docker, Kubernetes, AWS** (EC2, S3, ECR, ECS)
- Database: **MongoDB, Redis**
- Tools: **Git, WebSockets, Tableau, Machine Learning**

## Education

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**SRM Institute of Science & Technology**, Chennai, India Sept 2021 – Present

- Current CGPA: **9.17/10**
- **Coursework:** Data Structures and Algorithms,DBMS,Computer networking,Machine Perception and Cognition, Meta Backend Course, Fundamentals of Analytics, Electronics and Communication Engineering, Digital Signal Processing, Embedded Systems,

## Experience

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**ReFlow Technologies**, Chennai, India june 2024 – Present

- Web Developer
- Developed and maintained a user dashboard to display sensor data in real-time using MQTT
- Implemented efficient data handling and visualization techniques to ensure accurate and timely updates
- worked on AWS to deploy web Service

## Projects

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### Vercel Deployment Platform

- Built a deployment site for frontend applications with automated Docker container management and real-time data logging.
- GitHub Repositories:vercel-build-server vercel-api-serververcel-s3-rev-proxy
- Tools Used: React, Docker, AWS (S3, ECS, ECR), Redis,web-socket

### WebRTC Zoom Clone

zoom.prashant.fun

- Built a peer-to-peer connection-based Zoom clone using WebRTC.
- Tools Used: Next.js, WebRTC, Tailwind CSS

### Real-time Tracker

tracker.prashant.fun  
tracker1.prashant.fun

- Created a real-time tracking application with interactive maps and data visualization.
- Tools Used: React, Socket.io, Leaflet

### E-commerce Platform

ecommerce.prashant.fun

- Developed a full-featured e-commerce site with authentication, admin panel, and session-based security.
- Tools Used: MERN Stack, JWT, Redux, nodemailer

## **World Happiness Report Analysis**

- Analyzed the World Happiness Report using machine learning and created an interactive Tableau dashboard.
- Tools Used: Python, Data Visualization, Machine Learning

## **Achievements**

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1st place in Geek-o-phillia quiz competition

7th place in Code-On Hackathon

## **Additional Experience**

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**Freelancer** made several webApp as free-lancer

## **Certifications**

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MongoDB with Python

Introduction to Embedded Machine Learning

Android Developer (Kotlin, Android Studio)

## **Interests**

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Cricket

Chess

Travelling