



# Prakash

## Embedded Engineer

“currents and codes  
resonate in the pulse of  
progress”



### Email

prakash.dev.eee@gmail.com



### Website

<https://prakashravichandran.com>



### Phone

(+91) 93602 30757



### Address

Chennai, India

### Socials



Instagram  
@prakashravichandran



LinkedIn  
@prakashravichandran10



Github  
@PrakasRavichandran



Twitter  
@Prakash\_r10



LinkedIn  
@prakash\_ui

## Experience



Embedded Engineer  
Unibose

Present

Chennai, India



Software Developer  
Scube.co

Feb 2023 - Mar 2023

Work from Home



Full Stack Developer  
Freelancer

Oct 2021 - Mar 2023

Work from Home

## Education



KRCT

BE Electrical & Electronics

Jun 2022



PrepBytes

Full Stack Development

Feb 2023

## Skills

### Design

System  
Architecture

Schematic &  
PCB Layout

Sensor Integration

Analog and Digital  
Signal Processing

Power  
Management

Prototyping

Testing

### Development

Embedded  
Software Development

Firmware & Memory  
Management

Hardware–Software  
Integration

Low–Level Device Drivers

IoT  
Protocols

SPI

RTOS

• Git  
• Databases

## Tools



SolidWorks

3D Modeling, Engineering



Arduino

Prototyping, Embedded Systems



Raspberry Pi

Computing, Automation



Github

Code Hosting, Collaborative



C++

Firmware Development



Python

Data Science



VS Code

Code editor



Git

Version Control



Figma

UI Design, prototyping

## Latest projects



### ATEX ZONE O NMER

Featuring a mobile control unit for efficient  
oil and gas tank cleaning

<https://unibose.com>



### ATEX ZONE O CCTV Camera System

Intrinsically safe high-resolution monitoring  
system in hazardous environments

<https://unibose.com>