

# Kshitij Rajgude

I am in love with technology, and would like to put that love for technology to practical use and learn more.

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## Projects

### Personal Portfolio

JUNE 2023

Developed **Personal Web Portfolio** using web development skills, and showcase other projects related to Web

Technology - Web Hosting, HTML, Parcel, Bootstrap 4, Sass, ScrollReveal.js, Tilt.js

Link - <https://kshitijrajgude.netlify.app/>

### Emscripten (Chromium Dependency)

MARCH 2023

Emscripten is an LLVM/Clang-based compiler that compiles C and C++ source code to WebAssembly. In Emscripten, I worked on Migration from JS filesystem to WASM filesystem, and wrote tests for it.

Technology - WebAssembly (Wasm), JavaScript, C/C++, Filesystem Concepts, Github, Test Script

Link - [github - implement rmdir for wasmf](#)

### Rust Bitcoin

MAY 2023

Rust Bitcoin is a project that develops Rust libraries and tools to enhance the Bitcoin protocol, focusing on secure and performant implementations in the Rust Language.

In Rust Bitcoin, I worked on special keys that are needed for Bitcoin transactions.

Technology - Blockchain, Rust, Cryptography, Bitcoin protocol, various libraries related libraries

Link - [github - generate privateKey](#)

## SKILLS

Full Stack - MERN stack,  
REST API, Web hosting,  
Bootstrap, Puppeteering,  
Tailwind, HTML, CSS

Linux Administrator - LAMP  
stack, Syslog server,  
OwnCloud(personal cloud),  
Amanda(Backup Server),  
Docker

Blockchain - Solidity,  
Ethereum, Smart Contracts,  
Cryptography

Miscellaneous - Git, Github,  
Test Scripting, Emscripten,  
WebAssembly

## LANGUAGES

- JavaScript
- C++
- Python
- Rust

## EDUCATION

### **SNBP School and Jr College, Pimple Saudagar — *HSC***

APRIL 2013 - MAY 2021

### **Internation Institute of Information Technology, Hinjewadi, Pune — *B.Tech ENTC***

JULY 2021 - JULY 2025

Currently studying Electronics and Telecommunication Degree in IIIT

## PROJECTS

### **Displaying Arduino Output on VGA Monitor**

In this project, We had to convert the analog signals from Arduino to Digital signal such that we could display text on the screen.

I learnt in this project about how VGA monitors work, and how to interface Arduino's analog outputs with VGA's digital inputs.