

Anurag Kumar Singh

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EXPERIENCE

Classgap, Online—Programming Educator

October 2021 - PRESENT

I teach programming in C++, C, Python, Java, and Lua to school, college, and working professionals. I have taken 850+ hours of live classes on the platform. I have completed assignments and projects created by over 15 international universities.

BoltIOT, Online—Internship

December 2023 - April 2024

Developed four projects using the BoltIOT platform involving REST API, Arduino, ESP, PCB designing, and prototyping.

EDUCATION

Chandigarh University, Online—MCA (Jul 24 - Present)

Presidency College, Bengaluru—BCA 8.5 | (Jul 21 - Jun 24)

GRV PU College, Bengaluru—12th 91% | (Jun 19 - Jun 21)

PROJECTS

[STM32 pio libs](#)—STM32 Libraries for various sensors and module

This is a collection of libraries for various sensors and modules written in STM32 Cube Hal which is being published over the PlatformIO network. I am actively adding libraries and drivers for more and more modules.

[nvim-platformio.lua](#)—PlatformIO wrapper for neovim

This is a wrapper for [PlatformIO](#) cli for neovim which mimics the usability of VS Extension. This is my first open-source project which I maintain and it has a good userbase.

[STM32F401xx drivers](#)—Custom made STM32F401xx drivers

I am writing my STM32 HAL driver, which I'll use to make further STM32 projects instead of using the STM32 CUBE framework. This just boosts my knowledge.

SKILLS

C89/C90

C++11(17 learning)

Managing Linux systems.

Bash+Lua Scripting

Python Prototyping/Automation

AWARDS

Inspire Award Manak: It is a Science/Technology competition organized by the Department of Science and Technology.

Sakura Science Exchange Program: It is a science exchange program organized by the Japan Science and Technology Agency.

Star of Xactitude: I have been awarded 2 times for winning multiple competitions during the IT Fest in Kristu Jayanti College

LANGUAGES

Hindi, English