



SAYAK BRAHMACHARI

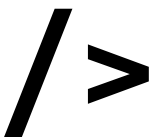
ELECTRONICS
ENGINEERING
STUDENT

/ ALL ABOUT ME

I am a self-taught programmer with a strong eye for innovative design and an innate desire to learn to do more.

/ COMPETENCIES

- ★★★★★ Python
- ★★★★★ Javascript
- ★★★★★ App Development (React Native)
- ★★★★★ Web Development
- ★★★★☆ Linux
- ★★★★☆ C, C++, Embedded-C
- ★★★★☆ Internet of Things, Embedded Systems
- ★★★★☆ Git
- ★★★★☆ CI/CD
- ★★★★☆ UI/UX Designing
- ★★★☆☆ Automation/Scripting
- ★★★☆☆ Docker
- ★★★☆☆ Java



/ CONTACT DETAILS

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/ WORK EXPERIENCE

>> Freelance App/Web Developer

June 2020 - September 2020

Programmed and developed SEO-optimized e-commerce websites and companion apps for small businesses, implementing a cart and a checkout system while integrating the site with payment gateways.

/ EDUCATION HISTORY

>> Kalinga Institute of Industrial Technology, Bhubaneswar

BTech. in Electronics and Instrumentation Engineering
Currently enrolled

Member of multiple student societies for being passionate about robotics, music production, and motion graphics.

>> Sri Sri Academy, Kolkata

ISC | Class of 2018

Obtained a perfect score (100%) in ISC Computer Science.

>> St. Joseph's School (North Point), Darjeeling

ICSE | Class of 2016

Attended a Robotics workshop at Kennedy Space Center, NASA.

/ COURSES

- > Docker for Developers and DevOps - Udemy
- > Ethical Hacking - IIT, Kharagpur
- > REST APIs with Flask and Python - Udemy

/ PATENTS

>> An Unmanned Aerial Vehicle based method and system for Patrolling over Search and Rescue Area

Filed Sep 23, 2020 Patent Number 202031041280

/ PROJECTS

>> Autonomous Vehicle in association with Robert Bosch Engineering (RBEI)

Jan 2021 - Present

>> Home Automation and Security System (University Minor Project)

Feb 2021 - April 2021

>> ShellBot (Cross platform reverse remote shell utility)

January 2017 - August 2020

>> eSpeak NG Bindings for Python3

September 2016 - August 2020

>> IoT based Self-Driving Robot

November 2019 - April 2020

>> struixLang (A stack based Turing-Complete programming language)

January 2017 - August 2020

/ OTHER INTERESTS

- > Video Editing/Motion Graphics
- > Music Production
- > Photography