Snehangshu Bhattacharya

Cloud | Linux | IoT

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Kolkata, India

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Skills

Languages:
Python, JAVA, C, SQL, MATLAB

FrameWorks:
Flask, OpenCV, Pandas, Matplotlib, Apache Hadoop, Hive, Flume, Pig

Platforms and Tools:
Git, Bash, Raspberry Pi, Arduino

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Links

LinkedIn:
https://www.linkedin.com/in/snehangshu-bhattacharya-3891b5153/

GitHub:
https://github.com/forkbomb-666/

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Interests

Microprocessor

Digital Communication

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Hobbies

Photography

Reading

An Electronics and Communication Engineer in making, with a keen interest in cloud and related technologies, my goal is to make IoT systems work in the complex real world.

EDUCATION

Bachelor of Technology / Electronics and Communication Engineering
2016 - 2020, NETAJI SUBHASH ENGINEERING COLLEGE, KOLKATA

CGPA: 8.02 (TILL 5TH SEMESTER)

Higher Secondary
2014 - 2016, TILJALA HIGH SCHOOL, KOLKATA

% MARKS: 82.17

Secondary
2008 - 2014, TILJALA HIGH SCHOOL, KOLKATA

% MARKS: 91.00

PROJECTS

Determination / Prediction Of Heart Condition By Analysing Heart Sounds (Phonocardiogram) — Final Year Project(2018-Present)
Classification of heart condition based on time/frequency analysis of heart sounds.

Indoor Navigation System - TCS EngiNx 2019 (February 2019 - Present)
Indoor Navigation System using CCTV footage, sensors and cloud using OpenCV, ArcGIS with Flask based backend.

SocketIO based cloud backend for a QR based attendance app for Android / iOS — Group Project (April 2019 - May 2019)
Integration of MySQL database, web dashboard and app with a flask based backend with SocketIO.

RESTful API based backend for a Graphics based Questionnaire App to Measure the Scientific Temper of a person — Smart India Hackathon (February 2019 - March 2019)
Flask based RESTful API for the app, a database and a dashboard for data analytics purposes.

CERTIFICATIONS

Microsoft Technology Associate, Introduction to Programming using Python

Coursera, Google Cloud Platform Fundamentals - Core Infrastructure

Coursera, Google Cloud Platform Big Data and Machine Learning Fundamentals

Spoken Tutorial - IIT Bombay, Linux Basics

DataCamp, Intro to SQL for Data Science

Datacamp, Intermediate Python for Data Science