

Subham Rathore

CONTACT	Qno: 2-183, Sector 2/A Bokaro Steel City Jharkhand-827001	E-mail: sbhm94@gmail.com Website: sub123.github.io Phone: +91-7759042379
EDUCATION	BE, Electronics and Communication Engineering Birla Institute of Technology, Mesra CGPA: 7.33/10	2013 — 2017
	CBSE, Grade XII Delhi Public School, Bokaro Steel City Percentage: 91.8	2011 — 2013
	CBSE, Grade X Delhi Public School, Bokaro Steel City CGPA: 10/10	2009 — 2011
WORK EXPERIENCE	Samsung R&D Institute, Delhi Software Engineer Responsibilities include building native applications on iotivity stack using C/C++ for Samsung Smart Home Devices. Implemented Bixby client application for Smart Home Devices	Sept 2017 — Present
	Samsung R&D Institute, Delhi Intern Responsibilities include building native applications on iotivity stack using C/C++ For Smasung Smart Home Devices.	Dec 2016 — Jun 2017
SKILLS	C/C++, Python, Linux	
PERSONAL PROJECTS	C/C++: <ul style="list-style-type: none">Character device driver: A simple Linux device driver to perform read and write operations to and from device character by character.Cptr : A toy interpreter for C/C++ Python: <ul style="list-style-type: none">Caire: A Python implementation of content aware image resizing paper published by Shai Avidan and Ariel Shamir using Seam Carving.bfck Interpreter: An interpreter for Brainfck language. Node.JS: <ul style="list-style-type: none">webDC++: A NMDC protocol based web client for purposes such as personal message, searching among shared files etc over LAN.DC API: An API for providing easy sign-in to various locally hosted applications using DC Hub credentials.	
EXTRA CURRICULAR	<ul style="list-style-type: none">Linux and Python Workshop: Organised a Linux and Python workshop under IET Club, BIT Mesra.Project Mentorship Programme: Served as project guide for juniors.Capture the flag competition: Problem setter for capture the flag events organised over LAN in college.Winner of Samsung Young Achiever Award 2018.Stood 2nd in hackathon organised by DirectI in collaboration with ACM, BIT Mesra.	