

# Subham Rathore

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CONTACT	Qno: 2-183, Sector 2/A Bokaro Steel City Jharkhand-827001	<b>E-mail:</b> sbhm94@gmail.com <b>Website:</b> sub123.github.io <b>Phone:</b> +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 for Tizen platform.	Sept 2017 — Present
	Samsung R&D Institute, Delhi Intern Responsible for porting Tizen based native applications from Tizen 2.4 to Tizen 3.0. Also responsible for creating new Tizen 3.0 based applications.	Dec 2016 — Jun 2017
SKILLS	C/C++, Python, Golang, Node.js, Linux	
PERSONAL PROJECTS	<b><u>C/C++:</u></b> <ul style="list-style-type: none"><li>Character device driver: A simple Linux device driver to perform read and write operations to and from device character by character.</li><li>List files: Implementation of Linux command "ls" with flags such as "-a".</li></ul> <b><u>Python:</u></b> <ul style="list-style-type: none"><li>Caire: A Python implementation of content aware image resizing paper published by Shai Avidan and Ariel Shamir using Seam Carving.</li><li>Kompress: A image compression library using K-Means Clustering algorithm.</li></ul> <b><u>Node.js:</u></b> <ul style="list-style-type: none"><li>webDC++: A NMDC protocol based web client for purposes such as personal message, searching among shared files etc over LAN.</li><li>DC API: An API for providing easy sign-in to various locally hosted applications using DC Hub credentials.</li></ul>	
EXTRA CURRICULAR	<ul style="list-style-type: none"><li>Linux and Python Workshop: Organised a Linux and Python workshop under IET Club, BIT Mesra.</li><li>Project Mentorship Programme: Served as project guide for juniors.</li><li>Capture the flag competition: Problem setter for capture the flag events organised over LAN in college.</li></ul> <b><u>Other:</u></b> <ul style="list-style-type: none"><li>Stood 2nd in hackathon organised by DirectI in collaboration with ACM, BIT Mesra.</li></ul>	