

Saugata Debnath

C/C++ - R&D Engineer

Bangalore, India

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Experience :

- **Cadence Design Systems – Software Engineer** Bangalore, Mar 2021 - Present
 - * Working on Hardware Emulation System (Palladium Z1/Z2)'s Runtime software development R&D team.
 - * Projects : Download Performance, Plug_n_Play, Advanced Job Relocation
 - * Technologies used : C, C++, Shell, Intel TBB, Python
- **Digite, Inc – Software Engineer** Mumbai, June 2020 - Feb 2021
 - * Got product training for 1 month for several Project Management Softwares.
 - * Worked on lean and agile project management software SwiftEnterprise dev.
 - * Technologies used : HTML, CSS, JavaScript, JSP, Java/J2EE, PL/SQL
- **Tranzenigma – SDE Intern** Kolkata, June 2018 - July 2018
 - * Developed components for finding the engagement and ego-network graph features for Depression Prediction Engine Project.
 - * Technologies used : Python, SQL

Education:

- **Indian Institute of Engineering Science and Technology, Shibpur**
B.Tech- Information Technology June 2016 - June 2020
CGPA: 8.3/10 (First Class Honors)
- **West Bengal Council of Higher Secondary Education, India – 12th**
Grade : 96/100 June 2013 - June 2015
Awarded by Government of West Bengal for ranking 12 in Higher Secondary Examination conducted by WBCHSE all over India.
- **West Bengal Board of Secondary Education, India – 10th**
Grade : 93/100 June 2013

Personal Projects :

- **Leave Calendar [[github link](#)] :**
 - * Single page Jsp Calendar Application for Leave Management of organization.
 - * Written In: HTML, CSS, JavaScript, JSP, Java/J2EE
- **Search-Engine [[github link](#)] :**
 - * A console application shows search results based on page rank over network.
 - * Written in: C/C++, Socket Programming, Multithreading.
- **TicTacToe AI Game [[github link](#)] :**
 - * A proper Artificial Intelligence single-player game with minimax algorithm.
 - * Written in: JavaFX, Core-Java
- **Steam Data Calculator [[github link](#)] :**
 - * Application for calculating parameters of steam at a given specific temperature.
 - * Written in: C#(Asp.net)
- **Library Management System [[github link](#)] :**
 - * A web application with features of user and admin, book issue.
 - * Written in: HTML, CSS, JavaScript, C#(Asp.net)

Skills:

Programming languages :

C, C++, Python

Web technologies :

HTML5, CSS, JavaScript, J2EE

Database management :

PL/SQL

Automation Testing:

Junit, Jest, Mocha, Karate, GoogleTest

Programming Profile:

InterviewBit- World Rank - 8

Profile Link: [plexus 45](#)

Hacker Rank - 6*

Profile Link: [plexus 45](#)

CodeChef - Max rating- 4*

Profile Link: [plexus 45](#)

LeetCode -

Profile Link: [plexus 45](#)

HackerBlocks: Rank: 2

LeaderBoard link: [hack](#)

Solved around 2000 coding problems

Across different coding platforms.

Github Link :

<https://github.com/saugata-git>

Activities & Awards:

- Selected as SDE Intern at Amazon Bangalore (Jan-June, 2020)
- Campus Ambassador at InterviewBit(2020) & Geeks for Geeks(2019).
- Brand Ambassador Cadence (2021)
- Having a youtube channel where I discuss algorithmic problems & solutions.
Link : youtube.com/channel

Certifications Link:

C++: [hackerrank](#)

Java: [hackerrank](#)

Problem Solving:

[hackerrank](#)

DP: [CBOL](#)