



Ritik Bansal

A well-organized, creative and goal oriented graduate possessing excellent communication, problem-solving and leadership skills with a flair to explore suitable avenues in Computer Science Engineering while developing advanced projects with efficiency and quality.

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EDUCATION

B.E. Computer Science and Engineering Chandigarh University

07/2019 - Present

current C.G.P.A - 8.09

Senior Secondary

D A V Public School, Thermal Colony Panipat

04/2016 - 03/2018

85.40%

Secondary

New Era Public School

04/2015 - 03/2016

9.2 C.G.P.A

WORK EXPERIENCE

Embedded Software Engineer Intern Wabtec Corporation

01/2023 - 06/2023

Task

- During my initial two months of internship, I dedicated my efforts to acquiring knowledge about different technologies such as C and C++. I also familiarized myself with using tools like Visual Studio for debugging, running code, and effectively resolving errors.
- In the project, my primary task was to analyze and optimize the existing code.
- Coded software updates to incorporate new features, address security vulnerabilities, and fix any defects identified.

COURSES & CERTIFICATES

Data Structures

<https://www.coursera.org/account/accomplishments/verify/PJWWRSSKJLSQ>

An Introduction To Programming Through C++

<https://swayam.gov.in/mycourses>

Foundations of Cryptography

<https://drive.google.com/file/d/1oFNM7ZoyTsm065B1ud1Y-qmTzUPlt4Dp/view?usp=sharing>

Problem Solving

<https://www.hackerrank.com/certificates/d0739e4a90d1>

SQL (Basic)-HackerRank

<https://www.hackerrank.com/certificates/046ffe545e16>

CodeKaze Coding Ninjas

Certificate No : 151088

Programming with C and C++ (05/2020 - 07/2020)

<https://drive.google.com/file/d/1g6839Nazydelsh-GSlnD-EsnuMtM1lqC/view?usp=sharing>

SKILLS

C and C++

SQL

MySQL

JAVA

HTML

Python(Basic)

CSS

JavaScript

Aptitude

DSA

Team Work

NodeJs

MongoDb

Git

PERSONAL PROJECTS

Portfolio Website (09/2023 - Present)

- I have created a portfolio website that using a tech stack that includes Node.js with the Express framework, Twilio for certain functionalities, and Pug templates for rendering the views. The website's styling is done using CSS.

Interview Portal (03/2022 - 03/2022)

- I developed an interview portal that enabled interviewers to arrange interviews with candidates. I utilized HTML and CSS for the front-end, while PHP facilitated the connection with the database for my project.
- <https://interview-portal-scheduling.000webhostapp.com/>

Music Player (01/2022 - 02/2022)

- Build a website Bansal music using HTML, CSS and JavaScript. This website allows users to enjoy music with the convenience of forward and backward song navigation.
- https://ritik216.github.io/Bansal_Music/

Cricket Game Application (05/2020 - 07/2020)

- Build a cricket game application using the C++ programming language. Developed using C and C++ programming. Here the user can check cricket match score and also check which team will win the match.
- https://github.com/Ritik216/Cricket_Game

ACHIEVEMENTS

Rated 5-star at HackerRank

username-ritikbansal921

Rated 3-star at LeetCode

username- Ritik2118

Rated 2-star at CodeChef

username- ritik_2118

Campus Ambassador of Internshala (01/2022 - 02/2022)

https://drive.google.com/file/d/127lnD_iJLDSC-t--L5N-PtXXMVLf4ne/view?usp=sharing

LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Coding

Playing Cricket

Playing Chess