

GAURAV BAGHEL

Software Engineer | Web Developer

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Leetcode - gauravb2k

Haryana, India
CodeChef - gauravb2k

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EXPERIENCE

IoT APPLICATION DEV INTERN

SmartBridge

May 2020 – June 2020

Remote

- Built an Smart Agriculture System application based on **Internet of Things** that can monitor soil and climatic conditions to grow and yield a good crop with the help of **IBM Simulator/Cloud/Python/Node-RED**.
- The user gets weather forecasting data using external platforms like **Open Weather API/IBM Watson**.
- Based on all the parameters user can operate motors and other devices using the application.

STREAMING OFFICER INTERN

Election Commission of India

Jan 2020 – Feb 2020

Delhi, India

- Involved in installation and web-streaming of portable surveillance cameras at polling booths.

CAMPUS AMBASSADOR

Coding Ninjas

June 2020 – Dec 2020

Remote

- Facilitated monthly programs focusing on skill-building (in **C++,Java,Web-Dev,Data Structures**),off-campus education,and encouraging community interaction.
- Supported campus events to increase student engagement and promote campus-wide initiatives.

TECHNICAL SKILLS

C/C++, Java, JavaScript, Algorithms, Data Structures, OOPs, React.js, Git, SQL, HTML, CSS.

POSITIONS OF RESPONSIBILITY

- **ISTE MAIT** - Founding Core Team Member | Student Volunteer
- **Alumni Cell MAIT** - Interview Panel Member | Core Team Member
- **Phrenics Productions** - Editor | Mentor | Core Team Member
- **ICITETM-2020 MAIT** - Committee Member

ACHIEVEMENTS

- **5 Star Rating** - HackerRank.com (C++).
- **A.I.R 8143** - IPU CET (BTECH) 2018.
- **21/117 Rank** in Automation Hackathon (Web-Dev) organised by Pep-Coding India.
- **10123/20156 Global Rank** - CodeChef monthly LONG Challenge, Sept 2020

EDUCATION

B.Tech. (ECE) - 7.6 CGPA

Maharaja Agrasen Institute Technology

Aug 2018 – Aug 2022 (Expected)

Higher Secondary - 74.6%

Central Board of Secondary Education

2018

Secondary - 8.6 CGPA

Central Board of Secondary Education

2016

PROJECTS

Excel Clone

- Web-based spreadsheet application similar to MS Excel/Google Sheets with all fundamental functionalities (majorly used **HTML, CSS, JQuery, JavaScript**).

Zira Ticket

- Zira is an issue-tracking tool that's mainly used by software developers to track, organize, and prioritize tasks/bugs, new features, and improvements for certain software releases.(mainly used **HTML, CSS, JavaScript, Node.js**)

HackerRank Automation

- An automated HackerRank is a script which logs in and creates contests/challenges. Also, adds predefined questions/problems to it by using **Chromium, Selenium, Puppeteer, JavaScript**,etc.

Smart Agriculture System

- An application based on Internet of Things that can monitor soil and climatic conditions to grow and yield a good crop with the help of **IBM Simulator/Cloud/Python/Node-RED**.

Virtual Cricket Game

- A This project mainly consists of programming in C++, fundamentals of Object Oriented Programming (**OOPs**) using CPP, and revolves around the concept of a normal cricket match.

ToDo App

- Web App to organize tasks with very easy to use interface. It can be used to make a list of various tasks and also be used to set Reminder with specific tasks. (mainly used **HTML, CSS, JavaScript, Node.js**).