Sanchit Sharma

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B.Tech - Mechanical Engineering
Indian Institute Of Technology Guwahati

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology Guwahati	7.80 (Current)	2018-Present
Senior Secondary	CBSE Board	90.4%	2018
Secondary	CBSE Board	10.0	2016

PROJECTS

- **Travel Destination Sharing Web Application - traveller** *February 2021*
  Web Development Bootcamp Github
  - Developed a travel destination review and sharing website, that supports user log in, posting traveldestinations, reviews and comments, and editing previous submissions with payment infrastructure.
  - Developed on a **MongoDB/Express/Node.Js** stack, utilizing **RESTful Routes** with **Bootstrap 5**.
  - implemented user authentication using **Passport.Js**, display time using **Moment.Js**, payment with **Stripe API**.

- **Employee Attrition Prediction** *May 2020*
  Consulting and Analytics club IITG Github
  - Predicted Employee Attrition using data set provided by IBM. Post **data cleaning**,numerous insights were drawn using data exploration and visualization techniques.
  - Built and trained the model **usingLogistic Regression**, **SVM** and **Random Forest Classifier**. Cross-validation and XGBOOST wereused to increase model performance.

- **Software Engineering Virtual Experience** *July 2020*
  Jp Morgan virtual experience
  - Developed a dashboard for traders by establishing Financial data feeds, Front end web development and Data Visualization.

- **Paddle Ball virtual game** *August 2020*
  Personal project Github
  - Developed a classic Paddle Ball Game for single player in which paddle movement is controlled via mouse (custom input) using JavaScript.

TECHNICAL SKILLS

- **Programming**: C, C++, JavaScript, Python*
- **Web technologies**: HTML, CSS, Bootstrap, JQuery, Node.js, Express, REST API
- **Database management**: MongoDB, SQL*
- **Miscellaneous**: Git, Tableau*
- **Operating Systems**: Windows, Linux* ** Elementary proficiency*

ACHIEVEMENTS

- **Competitive Programming Platforms**: Achieved the Highest rating of **1710** on CodeChef.
- **Hackfest 2020 (Hackerrank)**: Secured Global Rank **360** among **8000+** candidates appeared.
- **Joint Entrance Examination 2017**: Among Top **0.3%** of the **1.1 million** candidates appeared.

KEY COURSES TAKEN

- Algorithms
- Data structures
- Calculus and Differential Equations
- Real Analysis
- Linear Algebra
- Web Development Bootcamp (Udemy)

POSITIONS OF RESPONSIBILITY

- **Core Team member**, Spirit 2019 (Annual Sports Fest of IIT Guwahati) *2018 - 2019*
- **Core Team Member**, Marketing, Alcheringa 2020 (Annual Cultural Fest of IIT Guwahati) *2019 - present*
- **Core Team Member**, Senior Engineer (SAE Club, IIT Guwahati) *2019 - 2020*

EXTRACURRICULARS

- **Kriti'19**: Awarded 4th Position in Equity Research Competition, Inter Hostel Technical Meet.
- **Food Fest'19**: Prepared food for more than 300 students, faculty and residents. Sold maximum number of coupons (Donated towardscharity).
- **Finance club**: was an active member of Finance club IITG 2018-2020