

# BAIBHAV KARAN SINGH

## Software Development Engineer

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## Education

### Jadavpur University

Bachelor of Engineering in Electrical Power Engineering 8.8 SGPA

January 2020 – Present

Kolkata, WestBengal

### St. Anthony's Convent School

Higher Secondary 88.4%

May 2017 – May 2019

Jaigaon, WestBengal

### Sunrise School

Class X 89.4%

April 2007 – May 2017

Jaigaon, WestBengal

## Work Experience

### Web Development Intern

Sept 2023 – Oct 2023

CODSOFT

Remote

- Revamped the landing page design through proficient application of HTML and CSS, establishing clear columns, segmenting sections for clarity, arranging elements strategically, and integrating distinctive headers and footers; boosted user interaction and drove a 30% rise in lead generation
- Developed a Contact form using HTML and CSS for user interactions and information submission.

### Data Scientist Trainee

January 2023

Yhills

Remote

- Utilized different data analysis methods and performed exploratory data analysis on the provided data set.
- Extracted critical data patterns to enhance decision-making processes, aiding in a 15% reduction in customer churn rate by implementing personalized retention campaigns.
- Technologies Used - Python, numpy, pandas, matplotlib, seaborn and jupyter notebook.

### Campus Ambassador Intern

Aug 2022

Yhills

Remote

- Utilized digital and social media platforms for lead generation and revenue generation.
- Boosted Yhill's online presence, increasing followers by 2.4 percent through content creation and datadriven strategies.

## Projects

### File sharing Web Api | Node.JS, JavaScript, Express.Js, MongoDB

December 2022

- Developed a cutting-edge file sharing web API similar to Google Drive, enabling seamless sharing of files with unlimited recipients. It generates a link of the shared file and can also send the link through email.
- One can upload one file of max size **100MB** at a time using this a platform.

### Simple Implementation Of Blockchain | Node.JS, JavaScript

July 2022

- Implemented a simple model of endless blocks beginning with the 1st genesis block.The blockchain is secured with a consensus algorithm to validate entry of blocks to ensure security
- Used a transaction array to record an ongoing transactions(Limit - **\$100000**).

## Technical Skills

**Languages:** Java, Python, HTML, CSS, JavaScript, SQL Queries

**Developer Tools:** React.js, Node.js, Express.js, DataBase, MongoDB, Machine Learning(basic)

**Other Skills:** Data Analysis, Problem Solving

## Achievements

- Contest Rating of 1900 at **Leetcode** with **1300+ problems** solved on this platform
- All India Ranked **600** in CodeKaze, with a College **Rank of 52** among 1,37,000+ participants.
- Globally Ranked **560** out of more than 24,000 participants in the LeetCode Weekly Contest 353.
- Secured **1st place** in the Kodenza Coding Competition among **30 participating schools**.

## Leadership

- **Srijan - JU**, Managed 10 teams of 5 members and ran weekly meetings to oversee progress.
- **President of Eco Club at School**, Led team of 30+ members to work towards goals to improve and promote community service, academics, and unity.
- Led my school troops to **2nd place** in a march pass competition in Bhutan among 20 participating schools.

## Certifications

- Pwc data scientist.
- Machine Learning (Basic) - Yhills Edutech.