



Tushar

Roll No.: 200123066

B.Tech - Mathematics and Computing

Indian Institute Of Technology, Guwahati

+91-6375069120

tusharkoli270@gmail.com

tushar.tushar@iitg.ac.in

Github

linkedin

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	IIT Guwahati	6.29 (current)	2020 - Present
Senior Secondary	CBSE Board	90.8%	2020
Secondary	CBSE Board	91%	2018

EXPERIENCE

- **Pickl.AI** May 2023 - July 23
Data Analyst Intern
 - Worked on **data preprocessing**, exploratory **data analysis**, and creating **data visualizations** while assisting in collecting, **cleaning**, and analyzing large datasets to extract actionable insights that drove informed business decisions.
 - Developed the model to **predict flight delay** of commercial flights between 2019 and 2020.
 - Achieved maximum accuracy using **Logistic regression** under 'SAG' solve and used **Python**, **SQL**, and **Tableau** to communicate findings effectively.
- **ITND** Jan 2022 - Mar 22
Web Development Intern Online
 - Added **Payment Portal**, Course Info, Lectures and Certificates offered by company for various courses through online site.
 - Assisted in **front-end** and **back-end** work to the development team using WordPress and JS.
 - Gained hands-on experience in web technologies in **WordPress**, **CSS** and **JavaScript**.

PROJECTS

- **Google Meet Clone** June 2022
Coding Club IITG Git Link
 - Developed a web-based application that enables users to engage in real-time multiple video calls and chats.
 - Implemented features for **Multi-Video Call**, **Chat**, **Multiple Rooms**, **WhiteBoard**, **Screen-Sharing**, **Google Auth2.0**.
 - **Tech Stack:** *EJS, CSS, NodeJs, Socket.io, Express.*
- **ShopSavvy** Mar 2022 - Apr 22
Personal Project Git Link
 - Developed an **E-commerce** platform, streamlining the process of buying and selling a diverse array of products.
 - **User-friendly** interface, **account creation/authentication**, and seamless exploration across diverse products.
 - **Tech Stack:** *Flutter, Firebase, Dart, Google Auth2.0, Android Studio.*
- **Movie Recommendation System** Mar 2023 - Apr 23
Personal Project Git Link
 - Created personalized movie recommendation system with **Matrix Factorization algorithms** to enhance user engagement.
 - Analyzed user preferences and viewing history for targeted content suggestions and optimising content discovery.
 - **Tech Stack:** *Python, SQL, Tableau.*

TECHNICAL SKILLS

- **Programming Languages:** C/C++, Python, Kotlin*
- **Web Technologies:** HTML, CSS, SCSS, ReactJs, NodeJs, JavaScript, Express, WordPress
- **Database Management:** MySQL, FireBase, MongoDB*
- **Miscellaneous:** Tableau*, Git*, Linux* *(Elementary Proficiency)

KEY COURSES TAKEN

- **Computer Science:** Data Structures, Design and Analysis of Algorithms, Database Management Systems, Computer Organization and Architecture, Operating Systems, Computer Networks, Advanced DSA.
- **Mathematics:** Probability and Random Processes, Optimization, Statistical Inference and Multivariate Analysis, Number Theory, Scientific Computing, Matrix Computation.
- **Finance:** Stochastic Calculus for Finance, Financial Engineering, Computational Finance

ACHIEVEMENTS

- **CodeForces:** *Max rating - 1503 Specialist*
 - **Rank 100** in Codeforces Round 894 (div 3) among 40K participants.
 - **Rank 1207** in Codeforces Round 892 (div 2) among 33k participants.
- **CodeChef:** *Max rating - 1814*
 - **Rank 43** in CodeChef Starters 29 Div 2 among 15K participants.
 - **Rank 54** in CodeChef Starters 22 Div 3 among 12K participants.
- **Leetcode:** (*Max rating - 1788*) **Rank 765** in BiWeekly Contest 111 among 30K participants.
- **Newton School:** (*Max rating - 1948*) **Rank 169** in CodeCrush By CodeRush among 13K participants.

POSITIONS OF RESPONSIBILITY AND EXTRACURRICULARS

- **Core Team, Xpressions(IITG Dramatics Society):** Directed and Performed a variety of artistic mediums in front of live audiences, including Street-play, Theatre and Mime. Also directed streetplay at **INTER IIT 5.0** 2022 - 23
- **Manthan 2023:** Choreographed a skit for inter-hostel competition "Manthan" and secured a place in the top 5 positions.