

AYUSH KUMAR

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[LeetCode](#) [GfG](#) [CodeChef](#) [CodeForces](#)

Education

Visvesvaraya Technological University | 7.6 CGPA

Bachelor of Engineering in Information Science

2020 – 2024

Bengaluru, Karnataka

Doon Public School | 80%

Intermediate : 12th Standard, Senior Secondary Examination

2019

Dhanbad, Jharkhand

TATA DAV Public School | 10.00 GPA

Matriculate : 10th Standard, Secondary School Examination

2017

Dhanbad, Jharkhand

Coursework

- Data Structures
- Object Oriented Programming
- Algorithms Analysis
- Computer Networks
- Database Management
- Operating System

Technical Skills

Languages: C/C++, Go (Proficient) Python, Shell (Intermediate) Java, JavaScript, SQL (Basic)

Technologies/Frameworks: React.js, Express, Node.js, FastHTTP, Echo

Databases: MongoDB, NoSQL

Devtools: Visual Studio Code, Git, GitHub, Vim

Experience

Tech hub Community

Nov 2021 - Jan 2023

Coordinator - DSA Lead

Bengaluru, Karnataka

- Spearheaded some highly successful technical events at SMVIT's Technical Club, driving an 80% average participation rate and fostering technical knowledge and engagement.
- Guided and mentored over 60-70 people under me for Data structures and algorithm and Competitive Programming
- Collaborated closely with team members, fostering a positive and cooperative environment to achieve shared goals effectively.

Projects

Git-Made-Easy | Shell, C++, Git, GitHub

Source Code

- Implemented a user-friendly shell script in Bash and C++ to simplify and accelerate daily Git tasks.
- Improved productivity and effortless management
- Integrated GitHub features seamlessly within the command line interface via the 'gh'.
- Drastically reduced average time spent on Git commands from 25-30 to 5-10 seconds. 60-66% reduction.

My Blog | React.js, Node.js, Express.js, JavaScript, MongoDB

Source Code

- Created a full-stack web application using MERN stack for a feature-rich Blog platform.
- Implemented secure user authentication with token-based authentication
- Displayed blog posts in chronological order fetched from MongoDB database
- Enabled registered users to create and edit posts, including adding/updating pictures
- Designed the platform with a fully responsive layout for both desktop and mobile browsing

Talk-a-Tive | React.js, Socket.io, JavaScript, NoSQL, MongoDB, Mongoose

Source Code

- Developed a feature-rich real time chat application called "Talk-a-Tive".
- Utilized JSON Web Tokens for secure login authentication and password hashing with salting for registration.
- Ensured real-time message delivery and synchronization across multiple devices through Socket.
- Employed MongoDB and Mongoose for efficient storage and retrieval of user/chat data from various collections.

Super Tic-Tac-Toe | C++, Shell script

Source Code

- Built a Command Line Interface based 2-player strategic game.
- An advanced and challenging version of traditional tic-tac-toe.
- Consists of a 9x9 board comprising nine distinct segments of 3x3 individual tic-tac-toe grids.

Achievements

Codechef Ranks :

- March Long 2022 Division 4 - 1 out of 9965.
- Starters 100 Division 2 - 535 out of 1220.
- February Long 2022 Division 3 - 96 out of 17899.
- July Long Two 2022 Division 4 - 366 out of 14910.

Meta Hacker cup Qualified for Round 2.