

# AYUSH KUMAR

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## Education

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**Indian Institute of Technology (Indian School of Mines), Dhanbad**

**Dhanbad, Jharkhand**

*Bachelor of technology in computer science and engineering , GPA : 7.22/10*

*December 2021-May 2025*

## Experience

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**Management Information System - Under Prof. Saurabh Srivastava**

**Jan 2024 - March 2024**

- Implemented vendor module system from scratch
- Ensured seamless data coherence and validation.
- Gained exposure to Laravel, Next.js, and SQL.

## Projects

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**My-Web-Server-CPP - GitHub**

**May 2024 - June 2024**

- Developed a lightweight, multi-threaded C++ web server capable of serving static HTML content and custom HTTP requests.
- Empowering Gzip compression and ETag-based web cache validation for efficient content delivery and reduced bandwidth usage.
- Tech Stack: C++, Linux, Makefile.

**Code Helper - View Website | GitHub**

**March 2023 - April 2023**

- Build a coding resource and discussion website.
- Built an explore section where user can ask question that other user can answer.
- Tech Stack : MongoDB, ExpressJS, EJS, NodeJS, Javascript

**Sales Forecasting using Timeseries Analysis-(Machine Learning) - GitHub**

**Feb 2023 - March 2023**

- Developed a sales forecasting system for a furniture company utilizing various time series models, including ARIMA, SARIMA, and SARIMAX
- Tech stack : Python, Matplotlib, and Pandas.

## Technical Skills

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**Languages:** C++, C, HTML, CSS, Javascript, Python, SQL, ReactJS

**Frameworks:** NodeJs, Express, Mongodb, pandas, Matplotlib, Numpy

**Developers Tool:** VS Code, Jupyter Notebook, Codeblocks, GIT

**Concepts :** Data Structure and Algorithms, Object Oriented Programming, Operating Systems

## Achievements and Experience

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- Codeforces - specialist(1439) | Problems: 450+
- Leetcode - ProblemSolved 200+
- Meta Hackercup Round 2 - Rank 2895.
- Secured AIR 4768 in JEE Advanced and in the top 0.44% of students among 1 Million+ students in JEE Mains.
- Secured a minimum ranking of 87 in CodeChef #Starter 91, showcasing programming skills.
- Selected among Top-50 teams in Hackfest 2023, Team name Error-404.
- Codechef - 4 Star | Problem Solved : 150+
- CodingNinja - Expert | ProblemSolved 200+

## Extracurricular

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- Like value investing and have experience in choosing multibagger.
- Member of Kartavya: NGO to help poor children at a nearby school.