

# AYUSH KUMAR

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## Education

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

*Bachelor of technology in computer science and engineering , GPA : 7.27/10*

**Dhanbad,Jharkhand**

*December 2021-July 2025(Expected)*

**Satyam international school, Patna**

*Central board of secondary education(C.B.S.E) : Percentage - 89%*

**Patna,Bihar**

*2020*

## Projects

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**Code Helper - View Website | GitHub**

**March 2023 - April 2023**

- Build a coding resource and discussion website.
- Implemented user authentication and authorization using Passport.js.
- Built an explore section where user can ask question that other user can answer.
- Designed a search feature allowing users to search for coding resources and articles.
- 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
- Implemented analysis of historical sales data to identify patterns, trends, and seasonality in the furniture market, allowing for more accurate and reliable sales forecasts , with RSME = 45.49
- Tech stack : Python, Matplotlib, and Pandas.

**My Diary - View Website | GitHub**

**May 2023 - June 2023**

- Developed a dynamic web application called "My Diary" that serves as a user-friendly platform for note-taking and task management.
- Implemented an authentication system (using passport), allowing users to create personalized accounts and safeguard their private information.
- Tech Stack: HTML, CSS, JavaScript, Bootstrap, Express, MongoDB, Passport.js, EJS, Node.js, and Mongoose.

## 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, JupyterNotebook, 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 - 3 Star(1670) | 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.