

# Sudhanshu Suman Prasad

Adm. No. 20JE0980 90805XXXXX

Personal email LinkedIn Profile Github



## Education

<b>Indian Institute of Technology (Indian School of Mines) Dhanbad (CGPA: 8.35)</b> <i>Bachelor of Technology (Double Major) in Computer Science and Engineering and Mining Engineering</i>	Expected May 2025 Dhanbad, Jharkhand
<b>Sarvodaya Senior Secondary School (91.4%)</b> <i>Class 12 - Physics, Chemistry, Maths, English, Physical Education</i>	May 2019-20 Kota, Rajasthan
<b>Jawahar Higher Secondary School (93.8%)</b> <i>Class 10 - English, Maths, Science, Social Studies, Hindi</i>	May 2017-18 Neyveli, Tamil Nadu

## Experience

<b>Tata Steel- CS/IT Domain</b> <i>Software Engineer Intern</i>	May 2024 – July 2024 Jamshedpur, Jharkhand
<ul style="list-style-type: none"><li>Developed an end to end (bi-directional) RESTful API-Interface between two core websites of Tata Steel (Wrench Digital PMO and Integrated Project Management System).</li><li>Developed UI, Database Structure and APIs for an .NET MAUI based android application named Customer Resource Management Systems.</li><li>Tech Stack used are .NET ASP Web-API, .NET ASP Web (MVC Model), .NET MAUI, Visual Studio Team Foundation Server (TFS), Postman, SharePoint, Microsoft SQL Server Management Studio, Microsoft Entity Framework.</li></ul>	

## Projects

- Management Information Studio (MIS)** | Next.js (Front-End), MySQL (Database), Laravel PHP (Back-End), MVC-Arch.
- Developed a Registration Portal for newly admitted students and employees in our college.
  - Registrar of the college can Add, Edit, Delete, Update details of the student and employee. The fields of Student and Employee are dynamic. Used Model-View-Controller architecture, Immutable Datasets, and Middleware features.
- Bills Tracking Website (Full Stack)** | React.js, Express.js, NoSQL MondoDB, Node.js, Redux
- Online application to list your income and expenses from different sources (salary, freelance work, food, travel, medical, education, etc.) for analysis and tracking of spending.
  - Dashboard for analyzing expenditure and savings. CRUD Operations on a transaction details.
- Machine Learning and Data Analytics** | Numpy, Pandas, Seaborn, Matplotlib, SciKit Learn
- Consumer spending and business cycles analysis: The transmission of consumer spending to growth rates, focusing on the Covid pandemic 2020-21. Country USA.
  - Data Visualization of GDP and PCE, Linear regression, Correlation Matrix, ADF Test.

## Technical Skills

**Languages:** C/C++, C#, Python, JavaScript  
**Web Development:** .NET ASP (Web MVC, Web API and REST), .NET MAUI, MS-SQL Express, MySQL MariaDB, NoSQL MongoDB, React.js, Next.js, Node.js, Express.js, Team Foundation Server, Entity Framework, SharePoint, Postman  
**Analytics:** MS-Excel, Numpy, Pandas, SKlearn, Matplotlib, Seaborn  
**Communication:** English (Professional), Hindi (Mother Tongue), Tamil (Regional)  
**Concepts:** Data Structures and Algorithms, Database & Management Systems, Software Engineering, Object Oriented Programming, C/C++, ML, Deep Learning and Mining Engineering

## Achievements

- Solved **600+** problems on various coding platforms. • **Specialist (1433)** at Codeforces - SudhanshuSP, seziko. • **3 Star** rated at Codechef - ssp3134. • **5 Star** rated at Hackerrank - @sudhanshusumanp1. • Global rank of **279** in CodeChef Starters. • Secure **9+ GPA** in 2 of the semesters. • Secured **Gold Medal** in National Mathematics Olympiad. • **Gold Medal** in IMO (SOF) and selected for **RMO** second round.

## Social Engagements

**Finance Head:** SME IIT ISM Student Chapter, **Event Organiser:** Khanan and Concetto, **Sport:** Cricket, **Hobby:** Singing