# S SIDHARTHA

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## Education

**Indian Institute of Technology Kharagpur**                                    July. 2018 – May 2023
*B.Tech + M.Tech (Dual Degree),Major : Manufacturing Science and Industrial Management*                  *CGPA: 8.8/10*

## Experience

**AlgoZenith**                                                        May'22 – Jul'22
*Product and Growth Intern*                                                    *Remote*
- Overview: Launched a discord server featuring custom bots, collaborating with a team of developers and the founders.
- Analyzed competitors' discord servers to understand the userbase, and reward schemes to define the success metrics.
- Designed reward schemes to increase the user base of the server and pipelines to direct the users to AlgoZeniths website
- Created product requirement document and worked with the development team to develop,test and deploy discord bots
- Collaborated with founders to design and create events and courses to increase website traffic and retain existing users

**Trycle**                                                            Feb'21-Jul'21
*Product Management Intern*                                                    *Remote*
- Overview: Worked closely with the founders to optimize the website and introduced services to expand the user-base.
- Conducted user journey analysis to identify pain points and improve the online course experience of the existing users.
- Improved sales conversion rate by 10% through experiments and A/B testing of features and course arrangement.
- Increased the number of webpage visits by 15% by employing activities and rewards to increase the visibility of courses.

## Projects

**Seddit - a Social Media Website**  | *NextJS 13, TypeScript, Tailwind CSS , Prisma*                 **Sep'23**
- Developed a social media website using Next.js 13 App router with TypeScript, following a mono repo architecture.
- Implemented user authentication with Google APIs OAuth using NextAuth.js, ensuring secure access control.
- Enhanced the user experience with a polished, responsive design using Tailwind CSS and shadcn-ui components.
- Designed a comprehensive database schema to support user profiles, posts, channels, and comments, optimizing data organization and retrieval.

**Vpani - an E-commerce Website**  | *TypeScript, NodeJS, MongoDB, express, React, Recoil*                 **Aug'23**
- Developed the backend of a dynamic e-commerce website using TypeScript, Node.js, Express, and MongoDB.
- Designed a comprehensive database schema to support users, admin, products, orders, and shopping carts.
- Implemented JWT-based authentication to ensure secure access control and user authentication.

**Masters Thesis Project, ESG and Firm Performance of BSE 100 Firms**  | *Econometrics,Python*     **Aug'22-May'23**
- Overview: studied Impact of ESG ratings of financial performance of BSE 100 firms, and annual reports on ESG scores.
- Developed a python script for extracting keyword frequencies from annual reports of BSE-100 firms, totaling 50,000 pages
- Collected ESG data from Bloomberg and conducted statistical analysis,like Endogenity test,Hausman test, using Stata.
- Performed panel data regression to find the correlation between ESG scores and financial performance ,based on p-test.

## Technical Skills

**Skills**: Full Stack Development, Data Structures and Algorithms, Databases
**Languages**: Python, C, C++, HTML/CSS, JavaScript, TypeScript
**Frameworks/Tools**: NodeJS, Express, React, Next.Js, MongoDB, Prisma, Git, Pandas, Numpy

## Coursework

- Programming and Data Structures
- Big Data Processing
- Machine Learning
- Probability and Statistics
- Artificial Intelligence
- Game theory
- Operations Research
- Soft Computing
- Robotics

## Position of Responsibility

**Enactus** | IIT Kharagpur | 2018 - 2023
*as a member of the social entrepreneurship group, worked in ideation and feasibility study of business solutions for problems faced by the rural population.*

**Lal Bahadur Shastri Hall** | Secretary | 2019 - 2020
*As the Secretary of Technology, I collaborated closely with the General Secretaries to select a hardware modeling team and efficiently managed a budget of 50,000 rupees to establish and equip a hardware modeling laboratory.*