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ACADEMIC DETAILS

Examination	Institute	Year	GPA(out of 10)/%
Under Graduate, OGPA:	*IIT (ISM), Dhanbad*	2017-Present	8.85
Under Graduate Specialization:	*Computer Science and Engineering*		
CBSE Standard 12th :	*Adarsh Vikas Vidyalaya*	2016	93.6 %
CBSE Standard 10th	*Kendriya Vidyalaya Danapur Cantt*	2014	10.0

TECHNICAL SKILLS

- **Languages:** JavaScript (Node.js), C++, Python, C, HTML/CSS, Shell Script.

- **Database:** MongoDB, PostgreSQL, neDB, sqlite3, Firebase Database.

- **Frameworks/Libraries:** React.js, React Native, Electron.js, Bootstrap, jQuery, Flask.

- **Other Tools and Skills:** GraphQL, Next.js, Gatsby.js, Webpack, SASS, Git, Search Engine Optimisation, Firebase, Browser Extensions, Progressive Web Apps, Raspberry Pi, $\LaTeX$, AWS (EC2, S3, and Lambda).

ACHIEVEMENTS/RESPONSIBILITIES

- Secured 5th position out of 413 teams registered in East India's largest hackathon HackaBit 2018, BIT Mesra.

- Winner, PayTM problem challange - Credit and Buying profile, and secured overall 5th position out of 43 participating teams in Hackfest 2019, IIT (ISM) Dhanbad.

- College Team Leader for Tech Hackathon event at Inter IIT Tech Meet 2018 held at IIT Bombay.

- Mentored and Coordinated the website creation team of Winter of Code, IIT ISM Dhanbad's Winter Hackathon for contributing in Open Source organisations.

- Took several workshops and classes for college juniors and Cyber Society Members on Web Technologies.

- Contributed to several open source oragnisations including Creative Commons and Australian Open-Source Software Innovation and Education (AOSSIE).

- Overall school topper in Class 12th and 10th CBSE Board Exams.

PROJECTS

- **Med.ai** (`https://github.com/aayushdutt/Med.ai`)

  - An Android application to conveniently track and remind the users about their prescription medicines.
  - Uses Smart-phone camera and optical character recognition to capture and parse medicine name from the label.
  - Fetches additional details about the medicine's side effects, common dosage, when not to be taken etc stored in the database.
  - Used Node.js/Express.js for server, MongoDB for Database, Google Cloud Vision API for OCR.

- **Google Calendar Discord Bot** (`https://github.com/aayushdutt/google-calendar-discord`)

- A Discord bot for managing Google Calendar Events directly on chat in Discord.
- Features include Creating, Updating, Listing and Deleting the Google Calendar events of a person or a Google Group.
- Built with Node.js, discordjs, and Google Calendar APIs.

- **Credit and Buying score of Ecommerce users** (`https://github.com/aayushdutt/paytm-creditprofile`)

  - In a team of 5, built a complete data pipeline solution for building credit and buying profile of customers and thereby predict whether the user should be given features like EMI and COD.
  - Higher the credit score of the customer, higher the EMI can be given. Higher the buying score, higher the confidence that COD should be given to the customer.
  - Used Flask for the server side logic and HTML, CSS, JS and Bulma CSS framework for frontend.

- **Shop Transaction Manager** (`https://github.com/aayushdutt/Shop-Manager-Electron`)

  - A desktop application to easily manage transactions in simple shops.
  - Features include tracking sales, creating easy invoices and tracking product stocks.
  - Open source, fully offline and cross platform so that it works on all platforms.
  - Built with Electron.js, React.js and neDB

- **[Ongoing] Ecommerce Website**

  - An Ecommerce website built with scratch on Node.js/React.js
  - Used GraphQL for easier data flow management and Next.js for server side rendering.
  - Wrote unit tests of server side as well as client side.

- **Blogging website with Node.js/MongoDB** (`https://github.com/aayushdutt/Node-Blog`)

- **Study Material Aggregator** (`https://github.com/aayushdutt/StudyMaterial-IITISM`)

  - A simple website that collects study material files through Google Forms, saves it to Google Drive and updates the study material archive on website in real time.

STRENGTHS

- Public Speaking, Analytical Thinking, Hardworking, Leadership.

INTEREST AND HOBBIES

- Writing Articles, Blogs and answers on Quora.

- Playing Synthesizer