



Abhijit Pandey

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B.Tech - Mechanical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.56 (Current)	2021-Present
Senior Secondary	CBSE Board	96.6%	2021
Secondary	CBSE Board	98.2%	2019

PROFESSIONAL EXPERIENCE

- Reshkala** Aug 2024 - Oct 2024
Founder's Office Intern Remote
 - Achieved a projected **20%** increase in website traffic by identifying and developing user intuitive webpages
 - Increased Click Through Rate by **35%** through executing digital marketing campaigns on Meta and Google, using A/B testing
 - Proposed a roadmap for optimising **SEO** and user-informative content leveraging keyword trends.
- Mastercard** May 2024 - July 2024
Product Development Intern / Offered Pre-Placement Offer on exemplary performance Pune, India
 - Spearheaded the development of a **central DB** in the **Non-FI** market for customer segmentation and product recommendation
 - Generated **\$25M+** potential revenue by identifying sales opportunity for **40+** priority customers across **8+** industries with targeted recommendations from a portfolio of **60+** products
 - Streamlined data filtration and analysis process with a **5 Step Methodology** collecting data from **7+** internal sources and **75+** annual market reports for **Sales Insights**

PROJECTS

- Search Engine** Ongoing
Exploratory Project Github
 - Implemented a full-stack search engine in **Go** with the Fiber framework, using **Gorm** and **PostgreSQL**.
 - Built frontend in **Templ** with admin, search, and login/signup pages, secured through **JWT**-based authentication.
 - Designed a **DFS**-based crawler and created a comprehensive **Indexing** engine equipped with a **Tokenizer** along with stopword filtering, lowercase normalization, and stemming to improve search accuracy.
- Tourist Reviews** Dec 2022 - Jun 2023
Self Exploratory Project Github
 - Implemented **CRUD** operations for a marketplace for campsites leveraging **EJS** as templating engine for dynamic views.
 - Standardized **Authentication** using **PassportJs** for signup and login and **Authorization** to control manage and access routes.
 - Assembled a **RESTful API** for the backend using **NodeJs** and **Express** along with **MongooseJs** as the ODM and **MongoDB**.
- Messaging Service** Feb 2023 - July 2023
Exploratory Project Github
 - Leveraged **NextJS 13**, **Typescript** and **MongoDB Atlas** to successfully build a full-stack messaging service.
 - Implemented Authentication using **Next-Auth** providing functionality for Email, **Google** and **Github** SignUp.
 - Developed a seamless backend using **NextJS Server Actions** which communicates with the client and the Database.
 - Enabled **Real Time Messaging** & Group Chat features using **Websockets** through Pusher, image upload using **Cloudinary** and interactive UI components using HeadlessUI.
- Goofy-AI-NFTs** Jun 2023 - July 2023
Personal Project Github
 - Developed a full-stack Decentralised app built using **React** and **Solidity**.
 - Implemented User Authentication by connecting the user's **Metamask** Wallet to the app which is enabled using the **EtherJs**.
 - Integrated **Stable-Diffusion-2** leveraging **HuggingFace** and **NFT Storage** as an IPFS and Filecoin decentralised storage solution.
 - Developed the backend using **Hardhat** as the testing and development environment, **Solidity** and **OpenZeppelin** for securely audited smart contracts and standardized specification for **ERC721** token contracts.

TECHNICAL SKILLS

- Programming:** Javascript, C/C++, Solidity*, Typescript, HTML, CSS
 - Frameworks and Technologies:** Ejs, React, NextJs, Auth, NodeJs, ExpressJs, MongoDB, Mongoose, Hardhat*, RESTful APIs, Git, Github, Linux, Go*, Postgres
- * Elementary proficiency

KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Basic Calculus
 - Computer Science:** Intro to Programming, Data Structures and Algorithms(Coursera), Full-Stack Web Development(Udemy), Prompt Engineering for Developers(DeepLearning.AI)
- * Ongoing

ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES

- Meesho Dice Challenge:** Top **5 National Finalist** among 10k+ applicants
- Flipkart Grid 5:** Top **99.5** Percentile among 4L+ applicants
- Branch Change:** Among top 5 students in Chemical Eng. who got promoted to Mech Department.
- JEE Advanced 2021:** AIR **4973** across 2.5L+ applicants
- JEE Mains 2021:** Top **99.27** Percentile among 15L+ applicants