



Sk Md Mobinul Islam

Software Engineer

Nestjs developer with expertise in building **robust** and **scalable** backends. Skilled in leveraging **AI** technologies like **NER** and **OCR** to transform unstructured data into valuable insights. Passionate about applying AI and data analysis skills to solve real-world challenges. Eager to collaborate and contribute at the intersection of **AI, data, and backend development**.

Contact

Phone

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Email

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Address

Bankura, West Bengal, India.

Education

2019 - 2023

B.Tech CSE

Sister Nivedita University

CGPA: 8.48

2018 - 2019

Higher Secondary(Science)

Khatra High School

Percentage: 85

Expertise

- NestJs
- TypeScript
- Python
- Pandas
- ExpressJs
- NodeJS
- Prisma
- Docker
- TypeORM
- Web3Js
- ReactJs
- GIt & GitHub
- EthersJs
- Golang
- Gin
- Swagger
- SQL

Experience

Jul 2023 - Present

Vara Infrovate Pvt Ltd | Kolkata

JUNIOR ASSOCIATE DEVELOPER

Backend Engineer:

- Actively contributed as a backend developer in the blockchain team.
- Utilized Nestjs and Gin framework to develop robust backend for blockchain applications.
- Collaborate with the team to design and implement database models and APIs for the application.
- Employed Prisma and Swagger services to build scalable and efficient backend system.
- Dockerized the application to ensure seamless deployment and scalability, leveraging Docker for containerization and orchestration.
- Deployed and maintained the application on AWS instances, ensuring optimal server performance and high availability.

AI Engineer:

- Drove as an AI Engineer, orchestrating the transformation of extensive paragraphs into structured tabular data.
- Seamlessly merged cutting-edge NER (Named Entity Recognition) and OCR (Optical Character Recognition) models to create an optimal data extraction workflow.
- Leveraged PaddlePaddle for accurate OCR results, while harnessing Spacy's power for precise NER tasks, culminating in a high-quality data amalgamation process.
- Elevated outcomes by refining a custom NER model, empowering efficient extraction of specific, mission-critical information.

Personal Projects

WHATSAPP CHAT ANALYZER | [Link](#)

- Engineered a comprehensive WhatsApp chat analysis tool, featuring insightful visualizations like Bar Charts, Line Charts, Heat Maps, and Word Clouds.
- Developed algorithms to extract key data points including "Busiest User" and "Activity Hour", enhancing understanding of chat dynamics.
- Implemented robust metrics such as "Total Messages" and "Media shared" to provide concise yet comprehensive insights into chat content and engagement patterns.

DYNAMIC TO-DO LIST | [Link](#)

- Engineered a versatile to-do list for both daily goals and custom tasks, powered by Express, EJS, and MongoDB deployed on Cyclic for universal access.
- Strengthened security and privacy with JWT token-based authentication and user validation, ensuring data integrity.

NOTECESS- A GOOGLE KEEP ALTERNATIVE | [Link](#)

- Crafted a visually appealing "Google Keep" alternative with essential functionalities.
- Seamlessly add and delete notes, all securely stored in a dynamic database. Redefined note-taking with a modern interface for effortless organization.