

Tanmoy Das

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EXPERIENCE

STABLE ONE SOFTWARE Private Ltd

Sept 2024 - Present

- Developed and maintained **10+ backend microservices** using **Spring Boot** and **Kotlin/Java**, contributing to a **30% performance improvement** in data processing workflows.
- Designed and implemented **RESTful APIs** adhering to **OpenAPI/Swagger** standards for **seamless integration** with internal and external services.
- Integrated and managed **third-party APIs** (e.g., payment gateways, KYC, geolocation APIs), ensuring **secure** and **scalable data exchange**.
- Utilized **RabbitMQ** for **event-driven architecture** and **asynchronous communication**, improving system responsiveness and reliability.
- Implemented **Redis caching** to reduce database load, achieving **40% faster response times** for frequently accessed endpoints.
- Contributed to UI development using **Angular 17+**, collaborating closely with **UI/UX designers** to build responsive interfaces.
- Followed **Agile methodologies (Scrum)**, participating in daily stand-ups and sprint reviews, and maintained pipelines using **CI/CD tools like Jenkins and GitHub Actions**.

Freelancing

Jan 2019 – July 2022

- Ensured **mobile responsiveness** and **SEO optimization**, resulting in improved search rankings and user engagement. Performed **monthly maintenance** and updates for **3+ client websites**.

PROJECTS

Pet Store

01/2025-Ongoing

A microservices-driven e-commerce platform for buying and selling pets and pet-related products. Built using Java (Spring Boot) for the backend and Angular.js for the frontend, with PostgreSQL as the database. Implements RabbitMQ for inter-service communication and integrates AI-driven features for recommendations and automation. It includes Admin, Seller, Master, and Customer views, ensuring a seamless and scalable experience.

ASL Recognizer

[\[Repo Link\]](#)

12/2023-05/2024

ASL Stands for American Sign Language Recognition, build this by using Python, Keras, OpenCV and Tensorflow as Backend. Developed a model then train it from Keras Dataset and Then also deploy it in a web Application using Flask and made a Desktop Application. Model Accuracy - 97.65%

Social media

[\[Repo Link\]](#)

07/2023-11/2024

This is basically a clone of actual Twitter; This uses MERN Stack Implementation Where users can chat, post, re-post, follow, like, reply, delete, edit their contents, upload Specified Avatars.

Airline Reservation System

[\[Repo Link\]](#)

10/2021-01/2023

This Website works as an Online Airline reservation system, web page made using HTML, CSS, JS, with JSP and Servlet Mechanism Based on MVC Framework. Also integrated with MySQL Database with Authentication & Authorization. Also has both Client Portal, Admin Portal and a basic view Portal.

SKILLS

- Languages:** Kotlin, JAVA, Python, JavaScript, TypeScript, SQL
- Framework/Libraries:** RabbitMq, HTML, CSS, React.js, Angular.js, Node.js, Express.js, Bootstrap, Springboot, Entity Framework, RESTful API, OPEN AI
- Architecture/Deployment:** Microservice, Docker, AWS S3, EC2
- Databases:** MySQL, MongoDB, Postgresql, Redis

EDUCATION

Brainware University

09/2022 – 07/2024

Master of Computer Application [MCA] Pursuing Master of Computer

Application from Brainware university CGPA – 9.92

West Bengal State

University 07/2019-06/2022

B.Sc. (HONOURS) in Computer Science Completed Bachelor of Science

(HONOURS) in Computer Science from Derozio Memorial College Under West Bengal State University. CGPA – 9.74

CERTIFICATION & ACHIEVEMENTS

PGD-SE Certification

MCA Gold Medalist 2024

[Link](#)