

# ARKA PRATIM GHOSH

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## EDUCATION

**B.Tech in Computer Science and Engineering, Techno Main Salt Lake (CGPA: 9.26)** 09/2021 - 06/2025

**Relevant Courses:** Data Structures and Algorithms, Computer Organization and Architecture, Operating Systems, Object-Oriented Programming, Computer Networks, Database Management Systems, Distributed Systems, Microsoft Azure Fundamentals, AWS Cloud Practitioner.

**Council for Indian School Certificate Examinations, Pramila Memorial Institute**

**ISC: 94.75%**

07/2021

**ICSE: 96.6%**

05/2019

## SKILLS

<b>Technical Skills</b>	Core Java, C, Python, Swing, JavaFX, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, ReactJS, NextJS, NodeJS, SQL, JDBC, Supabase, Postman, Shell Scripting.
<b>Software Tools</b>	VS Code, Eclipse, Vim, Windows, Ubuntu, GitHub, Oracle Database XE 11g, XAMPP, StarUML, Dia, Docker, RapidMiner.
<b>Languages</b>	English, Bengali, Hindi.

## EXPERIENCE

**Altair Data Science Master Virtual Internship** *Eduskills*

05/2024 - 06/2024

- Fulfilled the internship, adeptly utilizing RapidMiner for data processing across one main dataset.
- Mastered Track 3 and 4 on Data Engineering and Machine Learning covering the basics.
- Accomplished 7 certification exams on topics covering basics, data engineering, machine learning, and platform administration in RapidMiner.

## PROJECTS

**Personal Portfolio Website** ([Visit here](#)) [[GitHub Repository](#)] :

- Launched a visually stunning portfolio using a combination of HTML5, CSS3, Bootstrap5, JavaScript, Typed.js for animated typing effects.
- Addressed functionality to open terminal web page in another browser and utilized LocalStorage API to store visitor's preferred theme for later visits.
- Incorporated AOS animation v3.0.0 for smooth transitions, tilting components using vanilla tilt JavaScript library.

**LocalFrame (Photo Gallery Web Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Spearheaded one comprehensive full stack software solution to store and view photos of authorised users.
- Executed JavaScript, Next-js 14, Tailwind-CSS, and Supabase to create a robust project for handling and organizing users' data for authentication and privacy of more than 10 users.
- Administered effective user policies in SQL, added automatic refresh of website and lightweight user interface using MaterialUI Version 5.

**PlayNet (Video Streaming Web Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Introduced a YouTube clone web application using HTML5, CSS3, JavaScript, JSX (version 4.2), ReactJS (version 18.0), and React Router DOM to offer users an immersive video browsing experience.
- Revamped the user interface of the application using Material UI, ensuring one polished and intuitive design.
- Integrated YouTube API v3 seamlessly from RapidApi and coordinated usage into the application to provide users with a smooth video browsing experience and 100% up-time content discovery capabilities.
- Designed to emulate the fundamental features of YouTube, the application allows users to search for videos with rate-limited fetching of the latest 20 videos, ensuring familiarity and efficient browsing akin to the original platform.

## ACHIEVEMENTS

- Achieved AZ-900 (Azure Fundamentals) [certification](#) in Microsoft Azure with a [score](#) of 814.
- Ranked 9 among college mates on [Geeks-For-Geeks](#), reflecting programming proficiency.
- Demonstrated coding expertise with a rating of 1953 (Knight) and a global rank of 17401 on [LeetCode](#).
- Composed [GitHub repositories](#) on assignments in college semesters that received more than 40000 views.
- Achieved a rank of 2993 in [WBJEE](#) and an AIR (All India Rank) of 40316 in [JEE Main](#).