

# ARKAPRATIM GHOSH

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## EDUCATION

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

**ICSE: 96.6%**

2019

**ISC: 94.75%**

2021

## SKILLS

|                         |  |
|-------------------------|--|
| <b>Technical Skills</b> | Core Java, C, Python, Swing, JavaFX, HTML, CSS, Bootstrap, Tailwind CSS, PHP, JavaScript, React, NodeJS, SQL, JDBC, MongoDB, Postman, Shell Scripting. |
| <b>Developer Tools</b>  | VS Code, Eclipse, Vim, Windows, Ubuntu, Github, Oracle Database XE 11g, XAMPP, StarUML, Dia.   |
| <b>Languages</b>        | English, Bengali, Hindi  |

## PROJECTS

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

- Innovated a visually stunning portfolio using a combination of HTML5, CSS3, Bootstrap5, JavaScript, Typed.js for animated typing effects.
- Enacted functionality to open one terminal like a web page in another tab displaying personal details.
- Leveraged LocalStorage API to store the visitor's preferred theme, which then takes effect on later visits.
- Utilized AOS animation v3.0.0 for smooth transitions and interactive tilting components using vanilla-tilt.js.

**Student Result Management System** ([Visit here](#)) [[GitHub Repository](#)]

- Constructed one comprehensive software solution to streamline the management of student academic results.
- Executed HTML5, CSS3, Bootstrap5, JavaScript, jQuery, PHP8 to create a user friendly interface.
- Harnessed MySQL8 for handling and organizing academic data for more than 100 students within an institution.
- Put into effect features for real-time data management and analysis, ensuring efficient organization and accessibility of more than one academic record.

**PlayNet** ([Try it here](#)) [[GitHub Repository](#)]

- Created 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.
- Crafted the user interface of the application using Material UI, ensuring a polished and intuitive design.
- Integrated YouTube API v3 seamlessly from RapidApi into the application to provide users with a smooth video browsing experience and enhanced content discovery capabilities.
- Conceptualized 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

- Successfully attained AZ-900 [certification](#) in Microsoft Azure with a [score](#) of 700/814.
- 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](#).
- Attained [Level 6 \(Specialist\)](#) status at code360, showcasing my proficiency in coding.
- Made [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](#).