

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

Technical Skills Core Java, C, Python, Swing, JavaFX, HTML, CSS, Bootstrap, Tailwind CSS, PHP, JavaScript, React, NodeJS, SQL, JDBC, MongoDB, Postman, Shell Scripting.

Software Tools VS Code, Eclipse, Vim, Windows, Ubuntu, Github, Oracle Database XE 11g, XAMPP, StarUML, Dia, Docker, RapidMiner.

Languages 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](#).