

# 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, Machine Learning.

**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, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, ReactJS, NextJS, TypeScript, NodeJS, SQL, Shell Scripting
<b>Software Tools</b>	VS Code, Eclipse, Vim, Windows, Ubuntu, GitHub, Oracle SQL, PostgreSQL, XAMPP, Convex, StarUML, Dia, Docker, Clerk, Kinde.
<b>Languages</b>	English, Bengali, Hindi.

## EXPERIENCE

**SQL Programmer Intern** *Celebal Summer Internship*

05/2024 - 07/2024

- Fulfilled the internship, adeptly utilizing Microsoft SQL server for writing queries across AdventureWorks database and other problem statements.
- Completed 6 assignments along with 1 final project on stored procedures.

## PROJECTS

**SpendLy (Expense Tracking Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Launched a visually stunning website using NextJS-14 and Tailwind-CSS that helps in setting budgets and managing expenses.
- Addressed functionality to add and delete budgets with the help of Neon Database v0.9.3 using PostgreSQL and Drizzle ORM v0.31.2 .
- Incorporated Clerk authentication and graphical view of all the expenditures out of total amount using re-charts library version 2.12.7 .

**FusionDraw (Notes Web Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Spearheaded one comprehensive full stack software solution to take notes, make diagrams by individual users.
- Executed NextJS14, ShadcnUI, HyperUI, MaterialUI, Kinde authentication, Convex database, MomentJS for time, EditorJS for notes and drawings to create a robust project for handling interface and data of users.
- Administered effective features for real-time data management and allowing authenticated users to create, update and save more than 10 files.

**AIForge (Software-as-a-Service Web Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Demonstrated a SAAS web application using NextJS-14 and Tailwind-CSS to streamline and enhance the content creation process using Gemini 1.5 Flash API.
- Revamped the user interface of the application using Shadcn-ui, Lucid-icons, Toast-ui react editor, ensuring one polished and intuitive design.
- Integrated Neon database v0.9.3 using PostgreSQL from Drizzle ORM v0.31.2 to store responses, Clerk for authentication and RazorPay payment gateway for subscription.

## 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) 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](#).