

# ARKA PRATIM GHOSH

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## EDUCATION

**B.Tech in Computer Science and Engineering, Techno Main Salt Lake (CGPA: 9.13)** 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

Technical Skills	Core Java, C, Python, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, ReactJS, NextJS, TypeScript, NodeJS, SQL, Shell Scripting.
Software Tools	VS Code, Eclipse, Vim, Windows, Ubuntu, GitHub, Oracle SQL, PostgreSQL, XAMPP, StarUML, Dia, Docker, Clerk.
Languages	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 .

**FormiFy (Form Building Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Spearheaded one comprehensive full stack software solution to create online forms and easy sharing.
- Integrated NextJS14, ShadcnUI, DaisyUI, Clerk authentication, Neon database, to create a robust project for handling interface, data of users and integrated Stripe Payment Gateway for yearly or monthly subscriptions.
- Administered effective features for customization, creating form fields using Gemini AI Flask 1.5 and allowing authenticated users to build, edit and delete at least 5 free forms.

**AIForge (AI Content Creation Application)** ([Visit here](#)) [[GitHub Repository](#)] :

- Collaborated on 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.
- Moderated the responses stored in Neon database v0.9.3 using PostgreSQL from Drizzle ORM v0.31.2, ensuring data integrity, and integrated 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](#).