

# SOUVIK PARUA

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## Skills

- Java | JavaScript | TypeScript | AWS | C | GenAI | Node Js | React | GitHub | Prompt Engineering | SQL | Git | OOP | Python
- Azure | Cloud Computing | CI/CD | Linux | SDLC | Data Structures | Docker | TCP/IP | Operating Systems | Cyber Security
- Database Management system | Distributed Systems | Full-Stack Dev | English, Hindi, Bengali – All professional proficiency or above

## Experience

### Youtuber

[YouTube](#)

05/2023 - Current

- SOUVIK PARUA, Software Engineering, SWE Skits & Entertainment, Tech Life, Coding, Career Advice, LeetCode

### Data Engineer, Intern (Remote)

[Celebal Technologies](#)

Jaipur, Rajasthan, IND

05/2024 - 07/2024

- Data Engineering Dept. Team lead (11 Members) PowerBI, Microsoft SQL Server (MSS), Python 3, Microsoft Azure Data Factory(ADF), DWH Transport & Logistics Data Representation. Data Engineering- Celebal Technologies
- Designed a Model Which Analysis of an Organization's Trans-port & Logistics Data and accordingly filter the data and Build Pipeline in ADF.
- Feature: Easy To Understand, Enhance Targeted Area for im-provement.
- Technology: Microsoft Azure Data Factory(ADF), ResourceGroup, Microsoft SQL Server etc.
- Developing and maintaining data pipelines for extracting, transforming, and loading (ETL) data from various sources into data warehouses or data lakes.

## Certification

[GenAI](#) : Gained expertise in the foundational concepts and applications of Generative AI, including transformer models, large language models (LLMs), and diffusion models. Developed skills in applying generative AI solutions for real-world business challenges, including automating workflows and improving project efficiency. I used [H2O.AI](#) that helps me develop ML models rapidly for my Research papers. I Also use [Blackbox.AI](#) For code generation For My Projects Using this tool we can easily Develop Complex projects in less time.

[GenerativeAI And Prompt Engineering](#) : Acquired practical knowledge in integrating generative AI tools for creating content, streamlining communication, and enhancing productivity. Applied AI best practices to improve problem-solving, project management, and creative processes.

[AWS Cloud Foundation](#) : Completed foundational training in cloud computing and Amazon Web Services (AWS) concepts. Gained comprehensive knowledge of cloud infrastructure, including core AWS services, cloud architecture, and security fundamentals. Demonstrated proficiency in cloud service models and best practices for designing and maintaining secure, scalable cloud environments.

[Technical support fundamentals](#) : Gained foundational knowledge of IT support, including troubleshooting, customer service, and networking basics. Learned how to set up, configure, and secure computing systems. Developed skills in resolving technical issues and understanding key operating system concepts.

## Education

### Bachelor of Technology

[Techno International New Town](#)

Kolkata, West Bengal, IND

09/2021 - 06/2025

- Computer Science & Engineering

## Projects

- **OnlineExan System**: Developed a comprehensive Online Exam System Using DeepSeek AI For a Coaching Institute aimed at providing a robust, user-friendly, and secure platform for conducting exams online. The system addresses challenges faced in traditional paper-based examinations and offers an efficient examination process for educational institutions(MySQL, Php, Css, Html,Xampp) [Github](#) (07/2024)
- **LangChain App**: The MultiPDF Chat App is a Python application that allows you to chat with multiple PDF documents. You can ask questions about the PDFs using natural language, and the application will provide relevant responses based on the content of the documents. This app utilizes a language model to generate accurate answers to your queries.I Use Open AI API .. [LangChain App](#) (05/2024)

## Publications

- [IEEE PAPER](#): Leveraging Ensemble Learning for Enhanced Sentiment Analysis (03/2024)

## Achievements

- **Prize Momento**: Best Guitarist Award in School(03/2020)
- **Certificate of Beta Microsoft Learn Student Ambassador**: The highest-level certificate of Microsoft Learn Student Ambassadors ([Profile](#)) (12/2023)
- **Hackathon**: Smart Bengal Hackathon Finalist Top 7 Out Of 20 Teams (Link: [Project](#) )(02/2024)