

SUDIPTO DAS

+91 8017748405

work.sudiptodas@gmail.com

[LinkedIn](#)

[Github](#)

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EDUCATION

Techno Main Salt Lake

Bachelors of Computer Application

Sep 2022 - June 2025

CGPA - 7.6

TECHNICAL SKILLS

Programming Language : C++, Java

Web Technology : HTML, CSS, JavaScript, ReactJS, Tailwind, NodeJs, TypeScript, NextJS, SpringBoot

Databases : MySQL, MongoDB

Tools and Platforms: Git, Github, Docker, Figma

Operating System : Windows, Linux (ubuntu)

Additional Skills : Active Listening, Critical Thinking, Leadership, Problem Solving, Time Management

PROJECTS

Next Gen E-Learning Platform (ReactJs, NodeJs, ExpressJs, MongoDB, Rest API, Socket-io, Gemini API)

- Designed and built an interactive e-learning platform featuring structured roadmaps, curated learning resources, and personalized dashboards to enhance user experience.
- Integrated an online IDE supporting 6+ programming languages with real-time collaborative features, improving team productivity by 40%.
- Embedded AI tools for automatic code generation, multilingual document translation, and smart summarization, reducing user task time by upto 30%.

AI Mock Interview Platform (NextJs, Vapi AI voice agent SDK, MongoDB, Gemini API)

- Developed a dynamic AI-powered platform for personalized mock interviews based on user-selected parameters (company, role, experience, etc.).
- Engineered an interactive AI agent to simulate interviews, assess user responses, and generate feedback on confidence, communication, and technical performance—used by 100+ students during beta testing.
- Reduced preparation time by 35% through automated evaluation and instant feedback.

RAG Powered Chat Application (NextJs, Supabase, Datastax, Cohere Embedding, Langchain, Gemini API)

- Built a content-aware chat application that allows users to query uploaded PDFs, web URLs, and YouTube videos using real-time NLP.
- Integrated LangChain, Gemini APIs, and vector databases for retrieval-augmented generation, enabling accurate contextual answers.
- Secured platform with JWT-based authentication and HTTP-only cookies, ensuring 100% protection against XSS and session hijacking.

RELEVANT COURSES

- Computer Networking
- Data Structures and Algorithms
- Operating System
- Software Engineering
- System Design
- Object Oriented Programming

CERTIFICATIONS

IBM : AI Foundations For Everyone - April 4, 2024

Google : Cloud Fundamentals - Core Infrastructure - Feb 27, 2024

ACHIEVEMENTS

Placed in Top 5 at Smart India Hackathon '24 by winning the internal college hackathon round.

Won first place at Geekathon, the Geekonix inter-college hackathon.