

Aditya Datta

Full Stack Developer

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Profile

Ambitious undergrad with a strong interest in Full Stack Development and a desire to make a meaningful impact in the field. Armed with a solid understanding of computer science fundamentals and eager to gain hands-on experience in building innovative web applications. Proficient in HTML, CSS, and JavaScript, with a hunger to master frameworks like React, Next, and Node.js. Possessing a proactive mindset and a willingness to learn from experienced professionals. Strong analytical and problem-solving skills, coupled with a collaborative attitude and excellent communication abilities. Committed to continuous learning and excited to contribute to dynamic development projects.

Work Experience

Content Advisory Board Member (*Log Rockets*)

Remote 06/2023 - present

- Collaborated remotely to shape leading publications on frontend development.
- Reviewed and provided feedback on monthly content releases. Contributed expertise in evaluating 1-4 pieces of new content per month.
- Actively participated in refining content strategies and direction.

Technical Writer (*Techfastly*)

Remote 01/2022 - 05/2022

- Authored insightful articles on machine learning applications for addressing environmental calamities.
 - Leveraged expertise to elucidate complex concepts for diverse audiences.
 - Contributed to TechFastly's mission of disseminating cutting-edge technological solutions for environmental challenges.
- University of Michigan-Coursera

Content Editor (*SportsLite*)

Remote 03/2022 - 12/2022

- Directed editorial content strategy, overseeing the creation and refinement of sports articles.
- Provided comprehensive editing and conducted training sessions to enhance writing quality and style consistency.
- Implemented SEO optimization techniques to maximize audience reach and engagement.

Projects

Sentix (*Sentiment Analysis tool*)

Tensorflow, Streamlit, FastAPI

- Developed a sentiment analysis tool utilizing a Convolutional Neural Network (CNN) model trained on a Twitter dataset, achieving a commendable accuracy of 91%.
- Integrated features allowing users to extract insights from social media posts, alongside offering sentiment and emotion detection capabilities.

KazeVault (*Artist Empowering App*)

NextJS, Solidity

- A web application enabling artists to securely store their creative works on IPFS and monetize them by selling for cryptocurrency, akin to a digital exhibition platform.

BondhuBro (*Gemini powered Assistant*)

Google Gemini

- A Streamlit-based web application, BondhuBro, offering services including a ChatBot, Image Captioning, Text Embedding, and Q&A functionality.

Online Courses & Certifications

- Programming for Everybody (Getting Started with Python) (Dec. 2021) - [University of Michigan-Coursera](#)
- Succeeding in Web Development: Full Stack and Front End by LinkedIn (Aug. 2022) - [LinkedIn](#)
- ELEMENTS OF AI (Aug. 2021) - [MinnaLearn](#)
- Machine Learning From Basic to Advanced (Jun. 2021) - [Udemy](#)
- Programming Foundations: Fundamentals, (Oct. 2021) - [LinkedIn](#)

Education

- **B.Tech** *Heritage Institute Of Technology* 2021-
Computer Science with Artificial Intelligence and Machine Learning — CGPA: 9.42 (5th Sem)
Relevant Courses: Data Structures, Algorithms, Web Technologies, Object-Oriented-Programming, Operating Systems, & Databases.
- **Higher Secondary** *Springdale High School* 2006-2021
CGPA : 9.1
Roles: Magazine Editor, Class Representative. Activities: Debate, Quiz, Drama & Music

Skills

- **Frontend Frameworks:** HTML, CSS, Javascript, React JS & Next JS
- **Backend Frameworks:** NodeJS, Express JS, Django, & Fast API
- **Programming Languages:** C, C++, Java, Go, Python & R
- **Cloud/DevOps Technologies:** AWS, Azure, Git, Docker
- **Machine Learning Frameworks:** Scikit-Learn, Tensorflow, Pytorch, OpenCV
- **UI/UX :** Figma
- **Databases:** Postgres, MongoDB, & Firebase
- **Soft Skills:** Presentation, Planning, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

Hackathons and Apprenticeship

- **Apprenticeship:** S4 graduate at Buildspace, a 6-week long product building programme
- **Hackathons:** Participated in Smart India Hackathon 2023, Diversion 2023, Microsoft Imagine Cup 2022, Smart Bengal Hackathon 2023. Stood first in the Aerothon competition at AAYAM 8.0, NIT Agartala
- **Volunteering:** promoted of the 'A Shot At Life' campaign, aimed at saving premature babies, as part of my role in Atypical Advantage—a platform dedicated to empowering individuals with disabilities by showcasing their skills, facilitating job placements, and promoting the sale of their artwork/products with dignity

Languages

- **English** [Proficient]
- **Bangla** [Native]
- **Hindi** [Intermediate]