Arpan Basu

Full-Stack Web Developer | AI & Software Developer

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▦ https://www.hackerrank.com/Arpan1412 ⟨ https://leetcode.com/decodeme ⬡ github.com/arpanbasu1412

in https://www.linkedin.com/in/arpan-basu-696911200

🪪 ABOUT ME

Highly motivated B.Tech Computer Science graduate with a passion for AI and software development. Proficient in programming languages like Java, C++, Python, PHP, JavaScript, Solidity, and web development frameworks such as Django, Flask, and React. Experienced in data analysis, visualization, machine learning, and computer vision, leveraging libraries like TensorFlow, OpenCV and PyTorch. Dedicated to developing innovative, user-centric solutions.

🎓 EDUCATION

B.tech, *St. Thomas' College of Engineering and Technology*
2020 – 2024 | Kolkata, India
- CGPA - 9.19

Higher Secondary (12th), *Ballygunge Govt. High School*
2018 – 2020 | Kolkata, India
- Percentage - 94.60%

Scondary (10th), *Ballygunge Govt. High School*
2010 – 2018 | Kolkata, India
- Percentage - 89.14%

📂 PROJECTS

Decentralize Google Drive Using Blockchain 🔗
The project ensures data integrity, immutability, and transparency while allowing users to share and access their files seamlessly using Blockchain and IPFS technology.

Facial Emotion Detection using Deep Learning 🔗
The "Facial Emotion Detection using Deep Learning" project leverages Python 3, OpenCV, TensorFlow, and neural networks to train a model capable of recognizing emotions from facial expressions with accuracy and efficiency.

Chat App Using Socket.io 🔗
Developed a full-stack chat application enabling real-time messaging between users. Implemented a React front-end for user interaction, a Node.js backend for server-side logic, and Socket.io 🔗 for bi-directional communication. Utilized MongoDB to store user data and messages.

Cric-Live Chrome Extension using REST API 🔗
The "Cric-Live Chrome Extension" is a browser-based tool that provides real-time cricket match scores from across the globe. Powered by REST APIs, it ensures instant updates, allowing users to stay informed about live matches directly within their Chrome browser.

Blockchain-Based NFT MarketPlace 🔗
A decentralized platform for buying, selling, and transferring NFT ownership. It features an auction system for competitive bidding, with smart contracts ensuring secure and transparent transactions.

YouTube Clone Using React JS 🔗
This YouTube Clone application replicates YouTube's core features using ReactJS, providing hands-on web development experience and showcasing the power of React for building dynamic, user-friendly web apps.

🏅 HACKATHON

LTIMindtree | Ideas to Life Hackathon
- 2023

Smart India Hackathon
- 2023
- 2022

🌐 LANGUAGES

English ● Bengali ● Hindi

🧠 SKILLS

Core Subjects
DBMS, OOPS, DSA, Computer-Network, Operating System

Programming
Javascript, PHP, Python, C++, C, Java, Bash, Solidity

DataBase
MySQL, MongoDB

FrameWork
React, Angular, Node.js, Django, Flask, Spring Boot, Flask, Express.js, Bootstrap.

Version Control
Git

Additional Skills
HTML-CSS, UI-Design, Three-JS, Microsoft Power BI, Github, Linux, Blockchain, WordPress, Cloud, MS-Excel, MS-Word, MS-PowerPoint

💼 PROFESSIONAL EXPERIENCE

CodSoft, *Java Full-Stack Developer Intern* 🔗
August 2023 – October 2023

Freelance Backend Developer
January 2024 – December 2024

Cognizant provided by Forage,
Agile Methodology Virtual Experience Program 🔗

✏ TRAINING

Industrial Training on Full Stack Web Development(JAVA)
X-factor, February 2023 – April 2023 🔗

Hackathon Based Training on Data Structures and Algorithms
TutorOps, January 2024 – April 2024 🔗

📑 CERTIFICATES

Web Development Bootcamp with HTML CSS PHP MySQL Wordpress 🔗 — Udemy

JavaScript Intermediate Certificate 🔗 — Hackerrank

Mastering React: React Crash Course with Mini Projects 🔗 — Udemy

SQL Intermediate Certificate 🔗 — Hackerrank

The Complete PHP Developer Course 🔗 — Udemy

Python Certificate 🔗 — Hackerrank

Java Certificate 🔗 — Hackerrank

Blockchain in Depth 🔗 — Infosys

Smart Contracts 🔗 — Coursera

EF SET Certificate 🔗 — 73/100 C2-PROFICIENT

Speaking Effectively 🔗 — NPTEL

Agile Certificate 🔗 — Cognizant

Problem Solving Certificate 🔗 — Hackerrank