AMIT DUTTA

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EDUCATION

B.Tech in Computer Science Birla Institute of Technology, Mesra, Ranchi (GPA 8.5/10)   2018-2022

TECHNICAL SKILLS

Languages	C++, Java, Python, JavaScript, Solidity, HTML, CSS, SQL
Frameworks	Django, Flask, Spring, PostgreSQL, React, MongoDB, Docker, Git, PostMan

EXPERIENCE

Oracle   January 2022 - Present
Software Engineering Intern   *Bangalore, India*

- Worked on the **Aconex** Frontend Team to enhance the Field Project design using **HTML, CSS, JavaScript** and **OJET** framework.
- Created multiple **API's** for the Backend Team using **Java, Spring, SpringBoot**.

Mesha   September 2021 - Present
Software Engineering Intern   *San Francisco, US*

- Wrote **Smart Contracts** for multiple **Crypto** based challenges to build **Meshaverse** using **Chainlink** (A Decentralised Blockchain Oracle Network).
- Created **Personal Tokens** for every user who Signs Up in order to form a Social network for Stocks and Crypto.

Samsung Research Institute Bangalore   May 2021 - July 2021
Software Engineering Intern   *Bangalore, India*

- Created the **Frontend** of **Galaxy SmartTag** to find nearby BLE devices in **SmartThings Application** which has **500M+** downloads.
- Recycled Views using **ArrayAdapter** and **ListView** to reduce Memory Usage by **2.7 MB**.

Birla Institute Of Technology, Mesra   Jan 2021 - Mar 2021
Research Intern   *Ranchi, India*

- Used **Graph Convolutional Networks** to enhance the **Graph representations** and Improve accuracy by **3.5%, 7%** and **17%** when tested on Pubmed, Cora and Citeseer Dataset.
- Published a **Reaseach Paper** for the same in **Multimedia Tools and Applications** (International Journal).

PROJECTS

Stock Picker   Dec 2021
https://github.com/Amitdutta7/Stockify   *Python, Django, Celery, Redis, Web Sockets*

- Built a **Real** time **Stock Picker** and Tracker Web Application using Django Channels and **Web Sockets**.
- Improved the performance upto **30%** using **Multithreading** along with an Asynchronous **Task Queue** with **Celery** and **Redis** as **Message Broker**.

Crypto Staker   June 2021
https://github.com/Amitdutta7/Stake-That-Crypto   *Blockchain, Smart Contracts, Solidity, Ethereum*

- Built a **DeFi App** where users can **Stake** or Deposit their Tokens and earn other Tokens as **Interest**.
- Created **ERC20 Tokens** from scratch along with a **TokenFarm** contract and deployed on top of the **Ropsten** TestNet.

ACADEMIC ACHIEVEMENTS

- **Smart India Hackathon 2020 Finalist:** My team reached the Final Round of India's largest hackathon organized by Government of India out of over 55,000 participants. Project Link
- **Newton School Grand Coding Contest:** Ranked in Top 1000 out of 50,000+ registered participants.