

PARTH ASTHANA

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PROFESSIONAL SUMMARY

As an ambitious computer engineering final year student with a fintech background, I am enthusiastic about blending technical excellence with business acumen to drive forward creative solutions. Eagerly seeking internship opportunities, aiming to channel my unique skill set and experiences into technical roles that bridge technology and business, ultimately crafting impactful solutions for dynamic markets.

WORK HISTORY

Jul 2023 - Sep 2023

Trading Analyst Intern

PL - India

- Analyzed high-frequency trading data for 200+ stocks using SQL, ensuring accurate retrieval.
- Developed 15+ Tableau dashboards for relationship managers, enhancing client engagement.
- Applied machine learning models for analysis of 10000+ clients' trading data, focusing on risk analytics.
- Created Python scripts for advanced trading indicators, optimizing strategies for 200+ stocks.

May 2023 - Jul 2023

Analyst Intern

Grant Thornton - India

- Led strategy management analysis for 50+ legacy companies, aligning 90% with EFQM model.
- Produced 20+ reports and visualizations from synthesized data insights, driving strategic improvements.
- Explored Agile methodologies in software, creating 10+ case studies highlighting best practices.
- Collaborated with cross-functional team of 5 to evaluate strategy courses for modern business alignment.

Oct 2022 - Jan 2023

Data Analyst Intern

Artifae (Financial Consulting for US Capital) - Remote

- Conducted feasibility analyses on 30+ potential firms, influencing lending decisions on loans exceeding \$5M.
- Produced 25+ technical reports capturing analysis insights and potential concerns.
- Designed visualizations to swiftly convey financial standings for prompt lending decisions.

Apr 2020 - Sep 2022

Co-Founder

IITC- Indraprastha IT Cell (P)Ltd - Digital Marketing Agency

- Founded and expanded digital marketing agency, securing 5+ clients in inaugural year.
- Directed a team of 15, delivering inventive web solutions and custom software with 95% satisfaction.
- Managed 10+ political campaigns via digital strategies.
- Executed digital marketing and SEO tactics, elevating client online visibility by 70%.
- Analyzed constituency data for strategic campaign decision-making across 100+ regions.

EDUCATION

Sep 2020 – Current

Bachelor of Technology (BAI): Computer Engineering

Trinity College | Dublin

Relevant Coursework:

- Data Structures, Operating Systems, Computer Networks, Microprocessors

Part-time Degree

Innovation & Entrepreneurship | Dublin

SKILLS

- **Technical:** C++, Python, JavaScript, Machine Learning, React.js, Node.js, SQL, MongoDB.
- **Tools:** Tableau, Power BI, Postman, Git, VS Code, Excel.
- **Digital Marketing:** SEO, Google Analytics, Facebook Campaign Management.
- **Soft Skills:** Analytical, Leadership, Communication, Problem Solving, Adaptability, Entrepreneurial.

PROJECT EXAMPLES

Drone-based P2P Data Propagation System

(Python, Socket Programming, NumPy, Cryptography, YAML)

- Implemented drone-based data propagation using Python for TCD's Computer Networks module.
- Designed WLAN-based image and metadata sharing with reliable acknowledgment system.
- Utilized greedy BFS algorithm for data routing and cryptographic methods for secure communication.

Financial Portfolio Manager AI

(Python, pandas, numpy, matplotlib, scikit-learn, GPT API)

- Developed AI platform analyzing individual portfolios, offering personalized financial advice.
- Integrated GPT API for insights, performed risk analytics, and recommended tailored strategies.
- Created user clustering via risk analysis and utilized ARIMA model for stock price forecasting.

DiaBeat.Ai

(React, Express.js, Node.js, MongoDB, Python, Flask, Scikit-learn, HTML, CSS)

- Built MERN stack diabetes prediction app with 95% accuracy, providing real-time predictions.
- Integrated user-friendly web interface with advanced machine learning model.
- Enabled health data input, profile management, and diabetes risk tracking over time.

Lottery System Smart Contract

(Solidity, Ethereum Blockchain, Rinkeby Test Network)

- Developed transparent lottery on Ethereum blockchain using Solidity.
- Created fair decentralized system managed by a contract manager.
- Participants could join by sending 1 ether; deployed on Rinkeby Test Network.

ACHIEVEMENTS

- Established and oversaw thriving social media page "Main Hu Uttar Pradesh," amassing 70,000+ followers, showcasing culture and discussing societal matters.
- Orchestrated E-Summit 22 as Overall Event Coordinator, managing an event in Patiala with 2000+ attendees. Secured sponsorships from leading brands including Coca-Cola, Panasonic, and Nestle.
- Scholarship from Thapar University worth €2500.