ISHA PATRO

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Shree Villa, Indiranagar, Berhampur, Odisha, India

PROFESSIONAL PROFILE

Motivated and results-driven software developer with a strong passion for AI and finance, seeking to leverage expertise in full-stack development in a dynamic organization. Offering a robust foundation in innovation, technical solutions, and real-world applications, with a proven ability to drive impactful results, adapt to changing environments, and endure rigorous work hours while delivering excellence in the finance and technology sectors.

INDUSTRIAL EXPERIENCES

Software Developer Engineer - II   **Jan 2024 - Current**
J.P Morgan Chase & Co.
As a full stack developer, I drive both development initiatives and engage directly with traders to gather requirements, provide technical insights, and secure signoffs. My role ensures our solutions meet the dynamic needs of the trading floor, bridging the gap between technical development and real-world trading operations.

Software Developer Engineer - I   **Aug 2021 - Jan 2024**
J.P Morgan Chase & Co.
As a full stack developer, I lead the modernization efforts for mortgage-backed securities, ensuring robust and scalable solutions. I focus on updating legacy systems, integrating modern technologies, and optimizing performance to enhance the efficiency and reliability of our financial applications.

Software Developer - Intern   **Jan 2021 - Jul 2021**
J.P Morgan Chase & Co.
As an intern at JP Morgan, I developed a comprehensive JIRA ticket management app that streamlined the bulk tracking and resolution of tasks and issues. This app has been widely adopted across all teams, significantly enhancing collaboration, efficiency, and project management capabilities within the organization.

ACMS Intern   **May 2020 - Jun 2020**
Amazon
Accountable for designing wireframes and participating in the full life cycle of a responsive Appointment Scheduler website, advocating for user needs and goals, integrating with Chime, and implementing and maintaining best practice procedures to ensure a seamless user experience and robust functionality.

Data Analyst Intern   **Apr 2019 - Jul 2019**
Octathorpe Web Consultant
My day-to-day work involved extensive experience in procuring data from diverse primary and secondary sources, analyzing it to extract meaningful insights, and identifying usage trends and patterns crucial for making informed business decisions. I am adept at tracking Conversion, Retention, and Monetization metrics based on various factors, ensuring comprehensive business performance analysis.

Data Engineering Intern   **Apr 2018 - May 2018**
Collpoll
My role included extracting and working with large amounts of structured and unstructured data. I also focused on understanding key elements of product development and implementing strategies to expand the user base.

ACADEMIC PROJECTS

Minted Wealth
- A platform providing real-time stock market data, tracking users' financial journeys, and empowering informed financial decisions.

Knowledge Graphs from Investopedia
- Built a financial knowledge graph by extracting, processing, and visualizing terms and definitions from Investopedia, integrated into Obsidian for interactive exploration.

Cloud Generator - CG0R
- Designed an autonomous floating buoy system for oil spill cleanup and cloud formation acceleration.
  - Won 1st prize at Engineering Clinics Expo FALL-2018.

Autonomous humanoid robot
- Created a biped robot powered by Amazon's Alexa with custom skills using Raspberry Pi and Arduino.
  - Won 1st prize at Engineering Clinics Expo FALL-2017.

BLOGS

Unlocking the Power of Obsidian Vaults with Python: A Simple Guide to Supercharge Your Note-Taking!
- The medium blog explores how to optimize note-taking efficiency using Python scripts in Obsidian, highlighting methods to automate file management, create linked notes, and enhance overall productivity through streamlined data organization.

EDUCATION & CERTIFICATIONS

Bachelor's in Computer Science
Vellore Institute of Technology, AP
Aug 2017 - Jul 2021
- Completed 156 credits with an overall CGPA of 8.65

Senior Secondary Education
Khalikote University
Aug 2015 - Jun 2017
- Scored 75% in Science in the CHSE board
- Received a laptop for good marks under the Biju Yuva Sashaktikaran Yojana

High School Education
D. A. V Public School
Aug 2003 - Jun 2015
- Completed high school education under the CBSE board, achieving a commendable CGPA of 9.6

SKILLS

- Python
- React
- AG Grid
- HTML
- CSS
- Javasript
- Machine Learning
- Data Mining
- Tableau

EXTRACURRICULAR ACTIVITIES

- Painting
- Digital Art
- Classical Dance
- Tribal Dance
- Candle Making
- DIY Club Leader
- School Leader
- NCC Cadet