Amar Nayak

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EDUCATION

Institute Of Technical Education And Research   Bhubaneswar
Bachelor of Technology in Computer Science and Information Technology   *2020 – 2024*

Kendriya Vidhyalaya INS Chilka   Chilka
Council of Higher Secondary Education - 12th   *2018 – 2020*

Kendriya Vidhyalaya Ferozpur Cantt   Ferozpur
Board of Secondary Education - 10th   *2018*

WORK EXPERIENCE

Software Developer Intern | *Fidelity International (JUNE 2023 - AUGUST 2023)*
- Contributed to the **Global Innovation Team** at **Fidelity International**, tackling complex problem statements with cutting-edge solutions.
- Engineered a dynamic query management tool for the **Investment Fund Analyst team**, using **Angular** to streamline simultaneous query handling.
- Integrated **ElasticSearch** as both a search algorithm and indexing database to optimize **Outlook email** query efficiency and retrieval accuracy.
- Co-developed an **Augmented Reality (AR)** indoor navigation system, successfully executing and delivering the project within scope and timeline.
- Independently managed and optimized **ChatGPT APIs**, implementing advanced prompt engineering to build an automated **report generation system**.

PROJECTS

Personal Portfolio Website | *HTML, CSS, JavaScript*
- Designed and developed a **personal portfolio website** showcasing professional experience, skills, and projects.
- Built the website as part of the **pre-learning phase** in web development, demonstrating foundational knowledge in **HTML**, **CSS**, and **JavaScript**.

A phishing Domain Detection tool | *Python,Deep Learning,Flask*
- Developed a **website and browser extension** to detect whether visited domains are secure, enhancing user browsing safety.
- Trained a **Deep Learning model** to accurately identify and classify **phishing domains** across the internet.
- Implemented proactive **security measures** to ensure safe and secure browsing experiences for users.

An AI Based Stock Price Predictor | *Python , Machine Learning , Data Collection*
- Developed a stock price prediction model using Python and machine learning techniques, integrating historical stock data for accurate forecasting.
- Engineered a stock price prediction model leveraging Python, deploying libraries such as NumPy and Pandas for efficient data processing, resulting in streamlined analysis of over 1 million historical records.
- Visualized predictions and performance metrics using **Matplotlib** and **Seaborn** to present results clearly.

A MERN Based TODO list application | *React ,Mongo , NodeJs, ExpressJs*
- Developed a **MERN stack application** allowing users to create, manage, and store their personalized **to-do lists** in a **MongoDB** database.
- Integrated robust **user authentication** mechanisms to ensure secure access and personalized data storage for each user.

TECHNICAL SKILLS

Languages: Java, Python,SQL, React,Node, Mongo
Frameworks:WordPress, Unity(Beginner) ,ElasticSearch
Developer Tools:GitHub, VS Code, IntelliJ, Eclipse, Cisco Packet Tracer, Spyder

HOBBIES

- Playing Football
- Cycling
- Workout
- Playing Video Games