NEELANJAN CHAKRABORTY

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EDUCATION

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT Bhubaneswar, Odisha
Bachelor of Engineering Expected Dec 2023
Major in Computer Science; Minors in Machine Learning and Data Science
Cumulative GPA: 8.9/10.0.
Relevant Coursework: Data Analysis & Visualization, Image Processing; Database Management; Algorithms; Artificial Intelligence

SKILLS

- Statistical Analysis: Proficient in basic statistical concepts and hypothesis testing.
- Machine Learning: Familiar with fundamental algorithms like linear regression and decision trees.
- Data Manipulation: Skilled in data cleaning and preprocessing techniques.
- Data Visualization: Proficient in creating visualizations using Matplotlib or ggplot.
- Programming: Proficient in Python for data analysis tasks.
- Collaboration: Skilled in team management and leadership, promoting effective coordination and communication.
- Continuous Learning: Eager to stay updated with data science techniques and tools.

UNIVERSITY PROJECTS

MOVIE AND SONGS RECOMMENDATION ENGINE AND EDA Feb 2022
- Constructed an Advanced Movie and Song recommendation engine in 2-person team.
- Utilized predictive models and performed exploratory data analysis (EDA) to enhance accuracy.
- Enabled users to be recommend movie and songs based on 50+ data points from Kaggle.

ANIMPY – FULLY FUNCTIONAL GUI BASED ANIMATION SOFTWARE Jan 2021
- Designed and implemented GUI-based Animation Software while leading a 4-person team using Python and Tkinter.
- Awarded First Prize in Best GUI based Projects (out of 20 teams)

FREELANCE-WORK

KIDS CASTLE - KINDERGARTEN Kalaikunda, West Bengal
Data Analysis and Business Improvement Sep 2017 – Present
- Developed data-driven website and app, increasing data collection efficiency by 25%.
- Improved student retention by 15% through targeted recommendations based on enrolment analytics.
- Applied curriculum enhancements, resulting in a 20% improvement in academic performance.
- Executed data-driven initiatives achieving a 30% boost in enrolments and enhancing overall business performance significantly.

FULLTIME-WORK

HYSCALER Bhubaneswar, Odisha
Junior Software Developer Sep 2023 – Present
- Enhanced web apps using PHP, Laravel, Vue.js, Tailwind CSS, and PostgreSQL, achieving a 20% increase in functionality, speed, and data management.
- Led cross-functional teams to deliver 10 scalable software projects on time and within budget, fostering collaboration.
- Upgraded 5 legacy systems, reducing maintenance costs by 30% and improving performance with a modern tech stack.
- Maintained coding standards, conducted 50+ code reviews, and applied best practices, ensuring a 15% increase in code quality across multiple projects.

ADDITIONAL

Technical Skills: Advanced in Python, C++, JavaScript, HTML/CSS; Proficient in MATLAB, Tableau, Power BI, TensorFlow, PyTorch, Scikit-Learn; Skilled in Java; Laravel , PHP , VueJs , React, React Native.

Languages: Fluent in English; Native in Bengali and Hindi; Conversational Proficiency in Odiya and Nepali.

Certifications & Training: Hitachi Vantra Data Analyst Certification; Google Machine Learning Certificates (Coursera); Kaggle Certificate; IBM Machine Learning Certification (Coursera); DeepLearning.AI Machine Learning Certificate (Coursera); Amazon and Nvidia ML Certificate; Passed Several HackerRank Coding Tests.

Hobbies: Painting, staying updated on AI News, exploring new Datasets, Participating in Hackathons, Cycling.