

# Neelanjan Chakraborty

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## EDUCATION

### CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

Bhubaneswar, Odisha

Bachelor of Technology

(Graduated) June 2019- 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

## EXPERIENCE

### GRACYWOOD GAMES

Hongkong (SAR), Remote

#### Generative AI (Intern) + 3D Character Animator (Full-Time)

March 2024 – July 2024

- Leveraged with Generative AI Tools like, Stable Diffusion, Automatic 1111, Comfy UI saving 50% time on Graphic Design
- Proactively optimized data pipelines, reducing processing time by 30% for Unreal Engine and AWS services like Game Lift, S3, lambda
- Designed a 10K Parameter NLP Model from Scratch for Text-generation, and integrated it In-Game Dialogue System
- Created and Maintained Dataset of 100+ 3D FBX animations and trained an CNN Model for Game Development on top of it.

### HYSICALER

Bhubaneswar, Odisha

#### Junior Software Developer

Sep 2023 – June 2024

- Enhanced web apps using PHP, Laravel, Vue.js, Tailwind CSS, and PostgreSQL, achieving a 20% increase in functionality, speed, and data management.
- Mastered new technologies including Ruby, Astro, and Next.js, driving innovation.
- Drove the delivery of 10 scalable software projects on time, resulting in a 25% improvement in team efficiency.
- Upgraded 5 legacy systems, reducing maintenance costs by 30% and improving performance with a modern tech stack.
- Recognized as the top IT expert in the workplace, known for troubleshooting and debugging skills.

## SKILLS

- **Statistical Analysis:** Proficient in hypothesis testing, ANOVA, regression, and Bayesian methods.
- **Machine Learning:** Familiar with linear regression, decision trees, k-means clustering, and neural networks.
- **Data Manipulation:** Skilled in data wrangling with Pandas, NumPy, and large datasets.
- **Data Visualization:** Proficient in Power BI, Matplotlib, Plotly, Seaborn, and Tableau.
- **Programming:** Proficient in Python, with experience in Scikit-learn, TensorFlow, and PyTorch.
- **Collaboration:** Experienced in Agile, team management with Jira/Trello, and communication via Slack/MS Teams.
- **Continuous Learning:** Dedicated to advancing in data science through MOOCs, conferences, and journals.

## PROJECTS

- **VIRTUAL-TRYON:** Built a browser extension using Hugging Face API for virtual garment try-ons, which increased customer engagement by 20%.
- **AUTOLINKED:** Automated LinkedIn tasks via Gemini API, streamlining posts, comments, and connections, saving 30% in time.
- **MOOD-MUSE:** Developed an AI song recommendation model with Meta API, tailoring music based on mood detection.
- **TOUCH-GRASS:** Created a student app using Flutter & Gemini API, optimizing study schedules and enhancing efficiency by 20%.

## ADDITIONAL

- **Technical Skills:** Python, C++, JavaScript, Java, HTML/CSS; MATLAB, Tableau, Power BI, TensorFlow, PyTorch, Scikit-Learn; Laravel, PHP, Vue.js, React, React Native, Astro, Ruby, Ext.js, Next.js
- **Languages:** Fluent in English; Native in Bengali, Hindi; Conversational in Odiya, Nepali
- **Certifications:** Hitachi Vantara Data Analyst; Oracle Gen AI & Cloud Architect; Databricks Associate; Kaggle; Google ML (Coursera); IBM ML (Coursera); DeepLearning.AI ML (Coursera); Amazon & Nvidia ML
- **Hobbies:** Painting, AI News, Exploring Datasets, Hackathons, Cycling