

Amit Kumar Samal

Roll No.: 230720100157

Masters of Computer Applications

Centurion University of Technology and Management, Bhubaneswar

+91-8114726340

✉ amitrkumarsamal2002@gmail.com

🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Masters of Computer Applications (Machine Learning)

Centurion University of Technology and Management, Bhubaneswar

2023-25

CGPA: 8.8

•Bachelor of Science(Computer Application)

Utkal University, Bhubaneswar

2020-23

CGPA: 8.61

PERSONAL PROJECTS

•Food Ordering System

A website based food ordering system implementation.

- **Developed an Online Food Ordering System on Full-Stack Web Development** – Designed and implemented a fully functional online platform allowing users to browse restaurants, place orders, and manage account activities. The system supports user login, registration, and order tracking, utilizing PHP and MySQL for backend functionality.
- **Frontend Technologies** – Utilized Bootstrap, CSS, and JavaScript to create responsive, mobile-friendly interfaces. Applied Font Awesome and Animate.css to enhance UI/UX elements, ensuring a modern and visually appealing design.
- **Backend Development** – Implemented server-side functionalities using PHP, managing user sessions, order processing, and database interactions. Created secure login/logout mechanisms and dynamic content display based on user sessions..
- **Technology Used:** HTML, CSS, JavaScript, PHP, MySQL Bootstrap.

•CodSoft Projects

A virtual internship in which I have done all these three tasks.

- **Credit Card Fraud Detection** : Developed a machine learning model to identify fraudulent transactions using algorithms such as Logistic Regression, Decision Trees, and Random Forests. Processed large datasets of credit card transactions to improve fraud detection accuracy.Demonstrated proficiency in data preprocessing, feature engineering, and model evaluation.
- **Movie Genre Classification** : Built a machine learning model that predicts movie genres based on textual descriptions (e.g., plot summaries) using techniques like TF-IDF and word embeddings. Implemented classifiers such as Naive Bayes, Logistic Regression, and Support Vector Machines to improve model performance.
- **Spam SMS Detection** : Created a model to classify SMS messages as spam or legitimate. Utilized text mining techniques like TF IDF and word embeddings with Naive Bayes and Support Vector Machines. Improved model accuracy through iterative tuning of hyperparameters and evaluating performance using confusion matrices and ROC curves.

EXPERIENCE

•Web Development : Corizo

MSME, ISO Certified,EURO UK ACCREDITATION LICENSING SERVICES
Wipro Dice ID : **CRZ56297**

5th May - 5th June 2024

Online

- Gained hands-on experience in web development, building and optimizing web applications
- Worked on real-world projects, enhancing skills in front-end/back-end development, coding, and debugging.
- Gained exposure to industry tools and technologies used in modern web development

•YBI Foundation Virtual Internship

ISO Certified
Credential ID : **5VLQCDLC5N32Z**

11 June 2024 - 11 July 2024

Online

- Actively participated in real-world ML projects, focusing on developing new skills and applying theoretical knowledge..
- Worked on tasks such as data analysis, model training, and evaluation
- Gained practical knowledge in machine learning algorithms and their applications in solving business challenges.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java, Python, Javascript, HTML+CSS

Libraries : Numpy , Pandas, SciPy, Matplotlib , Seaborn, TensorFlow, PyTorch

Tools: MySQL Workbench, Power BI, Tableau, Anaconda

Frameworks: Django, Flask

Databases: Relational Database(mysql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Data Analytics and Machine Learning, Data Visualization, AI platforms

Soft Skills: Decision Making, Communication, Leadership, Flexibility, Team Player, Problem Solving, Self-learning, Presentation, Adaptability

CERTIFICATION

•Kaggle Certification

Jan - Sept 2024

- Proficient in designing, deploying, and managing Data visualization dashboards, Machine Learning Models.

•Microsoft Certification

Jun 2024

- Fundamentals of Generative AI, Fundamentals of Text Analysis with the Language, Fundamentals of Azure AI Document Intelligence