GOPIKA BYJU

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CAREER OBJECTIVE

Seeking opportunities to contribute to innovative projects, collaborate with diverse teams, and continuously enhance my technical expertise. Committed to delivering high-quality solutions and making a meaningful impact in the rapidly evolving IT industry.

EDUCATION

- **Viswajyothi College of Engineering and Technology,Vazhakulam**   2020-2024
  B.TECH in COMPUTER SCIENCE AND ENGINEERING
  CGPA:8.61

- **Nirmala Public School,Muvattupuzha**   2018-2020
  HIGHER SECONDARY EDUCATION
  Percentage:84.8

- **Vimalagiri International School,Muvattupuzha**   2017-2018
  HIGH SCHOOL EDUCATION
  Percentage:85.66

SKILLS

- **Coding Skills**
  HTML,CSS,Bootstrap,C
- **Database**
  SQL
- **Soft Skills**
  Adaptability,Teamwork,Positive Attitude,Commitment,Hardwork
- **Languages Known**
  English,Malayalam

PROJECT

- CRIME RECORD SYSTEM
  As part of the mini project during third year, I played a pivotal role in developing a comprehensive Crime Record System aimed at facilitating law enforcement agencies in managing and analyzing criminal records efficiently. In this capacity, I led the database development and user interface implementation. Leveraging technologies such as MySQL for database management and PHP for backend development, I ensured seamless data integration and robust system functionality.HTML is used for the front end.The successful implementation of the Crime Record System streamlined data management processes, enhanced information accessibility, and contributed to more effective crime analysis and investigation. This project showcased my proficiency in software development, database management, and teamwork, underscoring my commitment to leveraging technology for societal benefit.

- CREDIT CARD FRAUD DETECTION
  As part of the major project during final year, I was one of the member of a team in developing a Credit Card Fraud Detection system using machine learning algorithms. In this role, I spearheaded the data collection process, curated a diverse dataset of transaction records, and implemented feature engineering techniques to enhance model performance. Utilizing classification algorithms such as Random Forest,Support Vector Machine and K-Nearest Neighbour, we trained and optimized predictive models to accurately identify fraudulent transactions while minimizing false positives. Through rigorous testing and validation procedures, our system achieved an impressive accuracy rate of 99.67% for Random Forest, outperforming the other two algorithms.It uses python for back end,HTML for front end and MySQL for database management.This project not only deepened my understanding of machine learning concepts but also honed my skills in data preprocessing, model selection, and performance evaluation within the context of financial fraud detection.

INTERNSHIP

- **DATA SCIENCE AND ARTIFICIAL INTELLIGENCE**
  Attended a one week internship at Keltron Knowledge Services in Kochi.During the internship, I immersed myself in the field of Data Science and Artificial Intelligence with a particular focus on Machine Learning. Under the mentorship of industry professionals, I engaged in hands-on learning experiences and practical exercises aimed at deepening my understanding of machine learning algorithms, techniques, and applications.Throughout the internship, I actively participated in workshops and seminars where I explored topics such as supervised and unsupervised learning, neural networks, and model evaluation.This immersive experience deepened my understanding of Machine Learning concepts and equipped me with practical skills applicable to solving data-driven challenges in diverse industries.

CERTIFICATION

- Coursera Certification on Programming for Everybody authorized by University of Michigan

ACHIEVEMENTS

- **CO-CURRICULAR ACTIVITIES**
  Attended coding competitions and UNAI quiz competition conducted during BODHI,techfest
- **EXTRACURRICULAR ACTIVITIES**
  House Captain of one of the houses for College Arts Festival,DHRISHYA 2023-24 and Annual Sports Meet DRONA 2023-24 at VJCET
  Has actively participated in various professional bodies like IEEE,Geeksforgeeks
  Secured third prize for English Story Writing conducted during college arts festival,DHRISHYA
  Secured first prize for Mime competition conducted during college arts festival,DHRISHYA

INTERESTS

- Front End Development
- Web Development
- Database Management

PERSONAL DETAILS

- Date of Birth:02/05/2002
- Nationality   :Indian

HOBBIES

- Dancing
- Singing
- Drawing

REFERENCE

- **Mrs.Dona Jose - Viswajyothi College of Engineering and Technology**
  Assistant Professor,Computer Science and Engineering
  donajose@vjcet.org
  9567846525

- **Mrs.Geethu Gopan - Viswajyothi College of Engineering and Technology**
  Assistant Professor,Artificial Intelligence and Data Science
  geethu@vjcet.org
  8089119588

DECLARATION

- I ,Gopika Byju,hereby declare that the above mentioned information is true and accurate to the best of my knowledge.
  Name :Gopika Byju
  Place :Muvattupuzha
  Date :29/06/2024