ABHIJIT MISHRA

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SUMMARY

Dynamic and dedicated computer science graduate with a solid foundation in software development and a passion for technology. Possessing strong problem-solving skills and a keen interest in cloud computing and web development, I excel in collaborative environments that foster innovation and creativity. My hands-on experience with various programming languages, frameworks, and tools equips me to tackle complex challenges and contribute effectively to team projects.

EDUCATION

Prabhujee English Medium School

10th Grade | CBSE
Prabhujee English Medium School, Bhubaneswar
Graduated: 2017
Percentage: 89.3%
12th Grade | CBSE
Prabhujee English Medium School, Bhubaneswar
Graduated: 2019
Percentage: 64.8%

Silicon Institute of Technology

Silicon Institute of Technology, Bhubaneswar,Odisha
Graduated: 2024
CGPA: 7.36

SKILLS

HARD SKILLS

- Languages: Python, Java, C, Go
- Web & Frameworks: HTML, CSS, JavaScript, Bootstrap, Django, Express, .NET, React
- Cloud & DevOps: AWS (Lambda, S3, EBS, EFS, DynamoDB, VPC, NAT Gateway, ELB, IAM), Azure, Docker, Kubernetes, CI/CD (GitHub Actions, GitLab, YAML)
- Databases & Caching: PostgreSQL, MySQL, Oracle, Redis
- Version Control & Tools: Git, GitHub, Node.js, Postman, Thunder Client

SOFT SKILLS

- Strong problem-solving and analytical abilities
- Effective communication and teamwork skills
- Adaptability and willingness to learn
- Time management and organizational skills

CERTIFICATIONS

- **Microsoft Azure AI Fundamentals Certification (AI-900)**
- **NPTEL: Social Networking (IIT Madras):**
  Gained insights into social networking technologies.
- **Ingenious-Tech World: DevOps Masters**
  Acquired knowledge of DevOps practices and tools for software delivery.
- **DivineAI Private Limited: Full Stack Development with Django Framework**
  Learned to build robust web applications using Django.
- **NPTEL: Entrepreneurship (IIT Madras)**
  Explored essential concepts of entrepreneurship.

PROJECTS

Research and Prediction of Stock Market using ML and Streamlit for Algorithmic Trading

Project Overview
This project enhances algorithmic trading by integrating web scraping, machine learning, and web development, creating a robust platform for investors.

Key Highlights

- Extracted historical stock data from Yahoo Finance
- Employed Logistic Regression and Long Short-Term Memory (LSTM) algorithms for stock trend predictions.
- Developed a frontend with Streamlit, allowing users to easily access and filter stock statistics.
- Provided valuable tools to facilitate informed investment decisions.

Web Application for Resource and Cost Management in Agriculture

Overview:
Developed a web application to assist farmers in managing their resources and costs effectively.

Key Highlights:

- Designed a user-friendly interface for tracking inventory levels and managing procurement.
- Implemented user authentication to secure access to sensitive information.

Speech Emotion Recognition Using Machine Learning

Overview:
Focused on emotion recognition through audio analysis by leveraging machine learning algorithms.

Key Highlights:

- Collected and pre-processed audio datasets to extract relevant features for emotion classification.
- Achieved an accuracy of approximately 87.8% using decision trees and neural networks, contributing to a better understanding of human emotions.