Subhashis Das

Assistant Professor at Academy Of Technology

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Subhashis Das | LinkedIn

Bhadreswar, West Bengal -India

EXPERIENCE

Academy of Technology - Assistant Professor

APRIL 2023 - PRESENT

- Ability to explain complex technical concepts in a clear and concise way.
- Demonstrated good communication and interpersonal skills.
- Experience in designing and developing software applications.
- Knowledge of different programming languages and technologies.
- Ability to work independently and as part of a team.
- Passion for lifelong teaching and learning.

Cognizant - Software Engineer(Associate)

JANUARY 2023 - APRIL-2023

- Gained hands-on experience as a Full-Stack Engineer working on a dummy project utilizing Angular and Spring Boot
- Dockerized the project and deployed it on AWS using EC2 Fargate, demonstrating proficiency in cloud technologies
- Utilized Angular to design and implement user-facing components, while leveraging Spring Boot to build the back-end
- Automated the deployment process using GitLab CI and wrote code to upload Docker images to AWS Docker Repository
- Deployment was made automatic through the use of GitLab Runner
- Integrated Docker to ensure a smooth and efficient deployment process in the cloud environment.

Cognizant - Jr. Product Specialist(Tech)

OCTOBER 2021- DECEMBER 2022

- Demonstrated proficiency as a Spring Java Developer for a leading insurance company
- Made substantial contributions by adding complex business logic, enrollments, and pension calculation functionality
- Collaborated effectively with cross-functional teams,

SKILLS

Proficient in Java and Spring Boot development.

Proficient in PostgreSQL and MySQL

Experienced in developing applications using Python and Flask & knowledgeable in Pyspark.

Knowledgeable in Data Cleaning and Data Processing in python.

Experienced with Docker and AWS deployment processes.

Familiar with CNN and its applications.

Experienced in Angular development and MongoDB database management.

AWARDS

Received the "Always Striving, Never Settling" award from the Home Manager in recognition of outstanding efforts

Acknowledged by the Manager and commended by the Client for successfully delivering the application go-live

Demonstrated exceptional commitment, initiative, and dedication to achieving project objectives, resulting in positive recognition and achievement.

including testers, to ensure successful and timely project delivery
- Fixed batch execution issues in coordination with client developers
- Ensured project go-live was executed with precision, meeting all business requirements and industry standards.

Cognizant - Programmer Analyst Trainee

OCTOBER 2020 - SEPTEMBER 2021

- Worked as a Back-End Developer for a leading insurance company
- Effectively resolved technical issues and implemented optimized solutions in a Spring Boot application.
- Authored and executed SQL scripts to enhance data management and improve performance.
- Proactively identified and fixed bugs to maintain seamless application functionality.

EDUCATION

Indian Institute of Technology, Jodhpur — *PhD*

July 2023 - Present

Currently pursuing a PhD degree in Computer Science and Engineering from IIT Jodhpur

Indian Institute of Technology, Jodhpur — *M.Tech*

October 2021 - July 2023

Completed Master's degree in Data and Computational Sciences from IIT Jodhpur maintaining a high academic standing

MCKV Institute of Engineering, Liluah — *B.Tech*

AUGUST 2016 - AUGUST 2020

Bachelor of Technology (BTech) degree in Electronics and Communications Engineering (ECE).

Achieved a high academic record with a final cumulative grade point average of 9.1.

Pearls of God, Hindmotor — *ISC*

FEBRUARY 2015 - FEBRUARY 2016

Completed 12th grade achieving 91% and achieved a prominent position among top scorers.

Pearls of God, Hindmotor — *ICSE*

FEBRUARY 2013 - FEBRUARY 2014

Completed 10th grade achieving 82.33%.

LANGUAGES

English,Hindi, Bengali

CERTIFICATIONS

- Acquired AI 900 certification from Microsoft, demonstrating expertise in the field of Artificial Intelligence.
- Acquired AZ 900 certification from Microsoft, demonstrating expertise in the field of Artificial Intelligence.
- Obtained Data Structures and Algorithms certification in Python from NPTEL
- Obtained Cybersecurity and Ethical Hacking certification, reflecting a strong understanding of online security practices.
- Achieved AVR Microcontroller certification from Teknik, demonstrating proficiency in microcontroller programming and design.
- Earned BSNL Advanced Telecom certification, demonstrating expertise in advanced telecommunications systems and networks.

PROJECTS

Disease Prediction System — *M.Tech Project*

Designed and developed a cutting-edge Disease Prediction System Framework, aimed at revolutionizing disease diagnosis and prevention strategies. The project addresses the limitations of conventional methods by offering patients access to a diverse range of disease prediction models. This framework effectively bridges the gap between patients, medical professionals, and administrators, fostering seamless communication.
Achievements:

- Developed an adaptable and user-friendly interface allowing patients to access and choose from a variety of disease prediction models, promoting personalized healthcare decision-making.
- Created a dynamic platform that fosters direct interactions between doctors and patients, leveraging chat and video conferencing for enhanced communication.
- Integrated machine learning assistance for medical practitioners, aiding in accurate disease diagnosis and informed treatment choices.
- Implemented analytics functionalities to monitor and analyze disease trends, empowering medical administrators to optimize prevention and treatment strategies.
- Successfully evaluated the framework through a clinical trial focused on diabetes,liver disease prediction among others showcasing its efficacy in predicting risks and fostering patient engagement.

Digital Clock Design using Logic Gates — *B.Tech Project*

Successfully designed and constructed a digital clock utilizing logic gates and a 555 timer. The 555 timer was utilized to generate a 1Hz pulse, which was leveraged to drive the unit place of the seconds digit. An intricate combination of AND gates was implemented to reset the circuit to zero upon reaching 60 seconds, thereby providing a trigger to the minute's unit digit. The result was a well-functioning digital clock that showcased a high level of technical proficiency and attention to detail.

Smart City - *B.Tech*

This project aims to implement various automated technologies to make life in the city more comfortable.We've implemented a smart parking system ,automated street lights control to save some power, and windmills as a way to generate renewable power. We've created automated dams to prevent flooding. Finally we've added RFID scanners to grant access to the authorized users to the selected parts of the city.The project was recognized as one of the top 3 in college.