Abhijit Mandal

Computer Science Student

Inquisitive, energetic computer science student, with a strong foundation in programming logic. Seeking to gain solid development skills with a focus on collaboration, communication, passion and creativity as a programmer.

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EDUCATION

Bachelor's degree in Computer Science Engineering
Institute of Technical Education and Research, Bhubaneshwar

07/2019 - Present   *CGPA(till 4th sem): 9.55*

Indian School Certificate (Std. XII)
Rajendra Vidyalaya, Jamshedpur

04/2017 - 05/2019   *Percentage: 82.60%*

Indian Certificate of Secondary Education (Std. X)
Tagore Academy, Jamshedpur

03/2005 - 04/2017   *Percentage: 85.16%*

PERSONAL PROJECTS

Placement Management System
- Created a Management System which manages student information in the college with regard to placement. It has the facility of maintaining the details of the student, thereby reducing the manual work. It will save time which are spending in making reports and collecting data. Placement Management System can be accessed throughout the college with proper login provided.

Diabetes Detection
- Created a Machine Learning model using real world medical dataset to predict whether one has diabetes or not with 80% Accuracy. I also launched this as a webapp which can be accessed from anywhere using Flask and created a very user friendly interface using HTML/CSS.

High - Availability Architecture
- This architecture includes- - Webserver configured on EC2 Instance - Document Root(/var/www/html) made persistent by mounting on EBS Block Device. - Setting up Content Delivery Network using CloudFront and using the origin domain as S3 bucket. - Finally place the Cloud Front URL on the webapp code for security and low latency.

Minor Projects
- Created a OS based program into a menu driven program using Python Code which will execute the required user query when user will give the input as a text.
- Configuring Reverse Proxy over AWS instances Using Ansible Playbook
- Configure docker and apache Httpd web server using ansible Playbook

WORK EXPERIENCE

Trainee Internship
Linux World Informatics Private Ltd.

09/2020 - 09/2021
Achievements/Tasks
- This was a task based learning Internship. I was taught many emerging tools like Hadoop, Ansible, Docker, Kubernetes, Jenkins, AWS, etc. and their integration with proper industry use cases.

SKILLS

Java Problem Solving Data Structure Python C Algorithms Docker Ansible Machine Learning Jenkins AWS Linux GCP HTML CSS Flask SQL

ACHIEVEMENTS

5 Star coder in HackerRank
I have acquired 5 star in Problem Solving and Java Programing in HackerRank

Google Cloud Ready Facilitator Program 2021
Completed several tracks on networking, DevOps, Kubernetes, Machine Learning APIs, etc.

Winner at Alma Fiesta, IIT Bhubaneshwar 2019
Won first prize in Photography in the annual fest of IIT Bhubaneshwar.

ORGANIZATIONS

Coding Wizard Club
Member at CWC which is a club for coding and aptitude preparation

SOA Photography Club
Core member of Photography club of Siksha 'O' Anusandhan

CERTIFICATES

Problem Solving
Skill certified by HackerRank.

Java Programming
Java Fundamentals by Great Learning

Basics of Machine Learning
Machine Learning and Linear Regression

Introduction to DevOps
DevOps, git, Docker and Jenkins

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

Bengali
Native or Bilingual Proficiency

INTERESTS

Photography Fitness Music