Anindo Ghosh

Software Engineer
nurture.farm

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Education

2016-2020
B.TECH. IN CST
IIEST SHIBPUR
CGPA : 8.77

2014-2016
INTERMEDIATE
Rajendra Vidyalaya, ISC
Percentage: 93.75%

2002-2014
MATRICULATION
Rajendra Vidyalaya, ICSE
Percentage: 95.80%

Links

Github:// **anindo7**
LinkedIn:// **anindo7**
Leetcode:// **anindo7**

Skills

LANGUAGES
C/C++, Java, Python, JavaScript, Golang, Ruby

FRAMEWORKS
Flask, Ruby on Rails, gRPC, Node.js, Android

DATABASES
MySQL, PostgreSQL

TECHNOLOGIES
AWS, Git, Bash, GraphQL, Arduino, SQLAlchemy, RTMP, RTP, GStreamer, Shaka Streamer, FFmpeg, Android Studio, Selenium

Coursework

Data Structures
Algorithm
Computer Networks
DBMS
Operating Systems
Neural Networks
Compiler Design
Discrete Mathematics

Experience

Jun,21-now **Nurture Farm** **Software Engineer**

- Development of gRPC micro services for the Trade Marketplace Platform.

Java, Golang, gRPC, GraphQL, MySQL, Kubernetes, Jenkins

Jul,20-Jun,21 **Hyland Softwares** **Developer 1, R&D Content Services**

- Developing and maintaining code for a cloud-based video content management service called Twistage.
- Added new features like Edit Subtitles, Video Preview Time Slider to the service.
- Research and development of a cloud-based Live Streaming Architecture for the platform.

Ruby on Rails, Python, JavaScript, PostgreSQL, RTMP, RTP, Node.js, AWS

May,19-Aug,19 **Hyland Softwares** **Software Developer Intern**

- Designed and developed a video learning platform MVP from scratch.
- Implemented some key features like progress tracking, embedded quizzes, and others.

Flask, SQLAlchemy, MySQL, JavaScript, JQuery, HTML, CSS

May,18-Jul,18 **IIT, Ropar** **Summer Research Intern**

- Implemented wireless sensor networks for p2p data transfer using Arduino ESP32 micro-controllers and various IoT sensors.
- Developed mobile app and website to connect to the microcontroller to create a smart IoT ecosystem.

Arduino ESP32, MQ135, Wifi, BLE, ESP-Now

Publication

[1] S. Pal, A. Ghosh, and V. Sethi. Vehicle Air Pollution Monitoring Using IoTs. SenSys '18 (http://sensys.acm.org/2018) Proceedings of the 16th ACM Conference on Embedded Networked Sensor System, pp. 400-401, 2018.

Projects

Jan,20-Jun,20 **Music Genre Classification** **Machine Learning**
Classification of music files into genres using deep neural networks and hybrid neural networks

Apr,20-Jun,20 **Music Player** **Android**
Implemented a music playing application for Android written in Kotlin using Server-Client architecture.

Jan,18-Apr,18 **Study of Cache Hit/Miss on Performance** **Computer Arch**
Studied the changes in processor performance with the different cache hit miss-speculation rates.