

Aryan Agrawal

Software Engineer

Looking for a software developer role in IT-Industry where I can learn and enhance my skills as an engineer while meeting goals of the organization as well. Looking for a challenging career that demands the best of my professional ability in terms of technical and analytical skills.

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🐙 github.com/aryanagrawal9903

EDUCATION

Indian Institute of Technology(IIT-BHU),Varanasi Bachelor of Technology in Computer Science and Engineering

07/2018 - 05/2022

7.74

A.N Singh SSS Intermediate Education(XII)

05/2015 - 04/2017

75%

Metropolitan School Secondary Education(X)

04/2013 - 04/2015

90.8%

WORK EXPERIENCE

Software Development Engineer Zomato Internet Private Limited

06/2022 - 11/2022

Responsibilities

- Added new functionalities and reworked different dashboards which handles events management in Zomato Dine-out.
- Experimented on Dining search system to improve Restaurant Listing, gaining complete understanding of how dining restaurants are obtained for a user.
- Enhanced Dine-out homepage content in Zomato dining feature.
- Improved code and fixed bugs optimizing Zomato instant delivery.
- Skills Learned: GO, PHP, Solr, SQL, gRPC, Protoc, Git, HTML, CSS.

Associate Software Engineer Intern MAQ Software

05/2021 - 07/2021

Responsibilities

- Worked on Power BI report and dataset analysis.
- Worked on backtracking of tables and columns to determine and fix error in source code.
- Technologies used: Power BI, Azure DevOps, Azure Databricks.

ACHIEVEMENTS

Achieved Expert rank on Codeforces.

Achieved All India Rank 790 in IIT-JEE Advanced 2018.

Achieved All India Rank 1494 in JEE-MAIN 2018.

SKILLS

Problem Solving

Software Development

Web Development

Data Structures and Algorithms

OOPS

PROJECTS

Artificial Irrigation System

- Implemented a system which could alert farmer when soil needs irrigation.
- Used Arduino board and sensors to determine different characteristics of soil.
- Constructed decision tree based model using ID3 algorithm to determine soil irrigation needs.

Bus Reservation System

- Created a web based application which can be used to schedule bus and reserve tickets.
- Employees could add or edit bus details, schedule journeys and agents could book tickets.
- Skills used:Spring MVC, MySQL, Java, HTML and CSS.

Hyperspectral Image Classification using Convolutional Neural Networks

- To train a model which can recognize different characteristics of an image.
- Applying Residual Learning by building a ResNet model to deal with gradient loss.
- Training that same model on different data by applying Transfer Learning.
- Exposure: Convolutional Neural Networks,Transfer Learning,Residual Learning,Python.

CERTIFICATES

Certificate of Excellence in competitive programming course by Coding Ninjas

Certificate of excellence from Marwari Sewa Samiti for being a good scholar in 2015

LANGUAGES

C++

Java

GO

PHP

Solr

SQL

C