BIPLABA SAMANTARAY

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Career Objective

Seeking for a career in an organization that takes care of my professional growth and provides opportunity to apply and enhance my knowledge and skills.

Academics

2018 - present	Master of computer application | University of Hyderabad | CGPA: 8.61
2014-17	Bachelor of science(physics) | Utkal University | Result: 68%

Work Experience

Software development intern | Bridge i2i   Bangalore, India |2021 (Jan - Present)

Working with a Software development and Machine learning team focused on building a recommender tool to solve various business recommendation problems. An end user of the tool can experiment with various machine learning algorithms providing his/her own dataset to solve a problem.   Tools : Python, PostgreSQL, Fastapi, React, GOCD, MLflow, Docker

Application development intern | Zealth -AI   Singapore |2020 (May-July)

Worked on the front-end of "Care Share", a web application made for symptom tracking of COVID patients as well as virtual (online) consultation with the doctor.   Tools : GraphQL, Reactnative, Bootstrap

Projects

Checkers | March2020 |Artificial Intelligence | Game | Minimax Algorithm

An ai-bot is developed to play against a human player using the heuristic function developed from scratch which provides best probability for next move using the minimax backtracking algorithm. The algorithm works fine up to a height of 100 for search tree.

Technology used: Python3, Pygame   GitHub link : github.com/bips1996/CheckersGame-Minimax

Copycart | June 2020 | E-Commerce | Native-app | Backend Developer

An e-Commerce application for University campus (purpose: interchanging and selling of books, copies and pens). The Mongo Database with NodeJS and graphQL is used at backend as all the api calls from frontend can be handled through a single end point with a 'POST' request using these services.

Technology used: MongoDB, GraphQL, NodeJS   GitHub link: github.com/bips1996/Copycart_Backend

Technical Skills

Programming Languages	C , C++ , Java , Python , Java Script
Web Technologies/Frameworks	GraphQL , Fast api , NodeJS (Express) , React , React-native , Html-css
Database management system	MySQL , SQLite ,PostgreSQL , MongoDB
Libraries/Frameworks	Numpy , Pandas , MLflow , STL(C++) , Java Collection , Java Socket.io
Others	Data structure and Algorithm, Operating system, GOCD , Docker, Excel

Achievements

- Topper of OJEE 2018 - Odisha Joint Entrance Examination (MCA)
- 3rd position (Zombie Island) at VERSION 2019 - All India MCA meet at NIT Trichy

Activities and Leadership

- Being Tutor: I always prefer to present and deliver my knowledge with enthusiasts. Since graduation I have been providing free classes to school and intermediate students in vacation period.
- Co-founder of BYTICIANS (byticians.com): A non-profitable global tech-society initiated from my University.
- Team leader @ SIH 2020: I have leaded a team of six at Smart India Hackathon 2020 organized by MHRD, India.