





BIPLABA SAMANTARAY

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Career Objective

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

Academics

2018 - 2021	Master of computer application University of Hyderabad GPA: 8.68
2014-17	Bachelor of Science(Physics) Utkal University Result: 68%

Work Experience

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

- Designed and implemented the ui and backend for bringing up hyperparameter tuning feature with one-to-many project-pipeline mapping to the recommender platform
- Removed the manual .csv upload dependencies by bringing up a dynamic tree creation feature.
- Worked as a full-stack developer in the process of development of two new versions of the recommender project.
- Technologies: [Python](#), [PostgreSQL](#), [Fastapi](#), [React](#), [GOCD](#), [MLflow](#), [Docker](#)

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

- Integrated the frontend and backend of "Care Share", a web application made for symptom tracking of COVID patients as well as virtual (online) consultation with the doctor.

Technologies : [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 the best probability for the next move using the minimax backtracking algorithm(height can be up to 100).

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). I have designed and implemented the whole backend using the GraphQL microservice and MongoDB.

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

- Co-founder of BYTICIANS (byticians.com): A non-profitable global tech-society initiated from my University.
- Team leader @ SIH 2020: I have led a team of six at Smart India Hackathon 2020 organized by MHRD, India.