AMIT RAJ

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Indira Nagar, Postal Park, Patna, Bihar-800001, India

EDUCATION

Indian Institute of Information Technology Allahabad, Prayagraj   *2017 - present*
B.Tech(IT)+M.Tech(IT) Dual Degree with specialisation in Intelligent Systems   CGPA: 7.07

A.N College, Patna   *2013 - 2015*
Bihar School Examination Board, CLASS XII   PERCENTAGE: 76.8

Mother's International Academy, Patna   *2008 - 2013*
Central Board of Secondary Education, CLASS X   CGPA: 10

PROJECTS

Gesture Controlled Robots — Swarm Robotics, Pygame, Artificial Potential Field Algorithm
TEAM OF 3 — SEMESTER 8   *Jan 2021 - May 2021*
Swarm of robots controlled by hand gestures, forms desired letters. Pygame is used for the initialisation and simulation of swarm of robots. Open CV is used for image processing. Artificial Potential Field algorithm is used to prevent collision between multiple robots.

Tourist Guide—Nodejs, NodeExpress, MySQL
TEAM OF 2 — SEMESTER 6   *Jan 2020 - May 2020*
This is a project that focuses on providing a guide support to a tourist visiting to some place. On entering tour details like the city, duration, etc., it will show the availability of the slots of that particular tour type.

SKILLS

Confident	C, C++, Data Structures, Algorithms
Intermediate	DBMS, Operating Systems, OOP Concepts
OS	Comfortable working with LINUX and Windows

COURSES

DSA, OS, DBMS, OOPs, Computer Network

CODING PROFILE

Leetcode — 200+ problem solved
GeeksForGeeks — 60+ problem solved

EXTRA-CIRRUCULAR

- Attended a workshop on PDC(Personality Development Course), certificate-course organised by PYPBihar(a unit of AWGP-Shantikunj, Haridwar).

- Runnerup of Inra-School G.K. quiz competition (School level).