

# Amartya Mondal

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## EDUCATION

### IIT PATNA

#### BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING

July 2018 - May 2022 | Patna, Bihar

### AMRITA VIDYALAYAM

#### HIGHER SECONDARY AND SCHOOLING

March 2008 - May 2018 | Durgapur, West Bengal

Class 12: 93.1% | Class 10: 95%

## EXPERIENCE

### C1X ADTECH | ENGG MANAGER | TEAM LEAD | SDE | SDE INTERN

May 2021 - Present

Promoted to Team Lead for the DOOH project, leading cross-device ad rendering targeting offline customers through digital hoardings. Spearheading the implementation of advanced technology using NestJs, Android box, and RPI. Also, directing the development of the CDMP Platform for customer management and leading Email Promotion and Push Promotion teams. Acknowledged for efficient project execution and leadership skills.

### SCALER ACADEMY | PART-TIME INSTRUCTOR

August 2022 - Present

Empowering the next generation of software engineers as a dedicated instructor at SCALER Academy. Passionately teaching DSA to inspire and equip aspiring talents with essential skills for success in the ever-evolving tech landscape.

### SUCCESS NUMBERS LLC | SDE INTERN

May 2021 - July 2022

Worked on SSE, OCC, Springboot, AWS.

### GOOGLE SUMMER OF CODE | STUDENT DEVELOPER

March 2019 - September 2019

Contributed to open source under the Fossasia organization during my first year.

## PROJECTS

### DOOH (DIGITAL OUT OF HOME) | September 2022 - Present

Led cross-device ad rendering targeting offline customers through digital hoardings using NestJs, Android box, and RPI.

### CDMP (CUSTOMER DATA MANAGEMENT PLATFORM)

July 2023 - Present

Directed the development of a comprehensive CDMP Platform for customer management and led Email Promotion and Push Promotion teams.

### BARBERA | ANDROID, NODEJS, AWS, DYNAMODB, LAMBDA

A salon service app for a startup.

### GREYMATTER TECH | FLUTTER, PYTHON, AWS, MYSQL

An Agritech startup to supply farmers with basic supplies and farm equipment.

### SHABD APP | ANDROID, FIREBASE

Team Project(3) | Autism App

## SKILLS

### PROGRAMMING

- Python • Flutter • Android • PhP • Kotlin
- Javascript • NodeJS • MongoDB • SQL
- Dart • Flask • Java • ReactJs • C/C++
- Web Scraping • Blockchain • Django
- PostgreSQL • Springboot • NestJs
- Loopback

### VCS, BUILD TOOLS & SERVICES

- Git • TravisCI • Linux • Cpanel • RPI
- Oracle Cloud Commerce • Elasticsearch

### CLOUD SERVICES

- AWS • GCP

## AWARDS

2021 CodeChef April Lunch Time Rank 173

2020 KickStart Best Rank 968

2019 Google Summer of Code Student Developer

2019 Google Code-In Mentor

2019-20 CodeHeat Mentor

2019 Bronze Medal at Inter-IIT TechMeet Coding Hackathon

2018 KVPY Scholarship

## LEADERSHIP ROLES

C1X Adtech - Project Team Lead

Developers Student Clubs - IIT Patna - Overall Lead

NSS IIT Patna - Secretary / Web and App Department Head

NJACK - Sub Coordinator Open-source Department

SAAR, Anwesha, Celesta - Dev Team

## COURSEWORK

- Algorithms and Data Structures
- C Programming • Linear Algebra
- Partial Differential Equations
- OOP Programming
- Software Engineering
- Data Science • Database (Learning)
- System Design
- Object Oriented Design

## OTHER ACHIEVEMENTS

2018 Jee Advance-Rank: 6920

2018 WBjEE - Rank: 310

2012 Maths Olympiad (Silverzone) AIR-4

2016 Maths Olympiad (Silverzone) AIR-4