

# Soumya Mitra

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## EDUCATION

### JADAVPUR UNIVERSITY

#### BE IN METALLURGY

June 2021 | Kolkata, IN

GPA: 8.96 / 10

## PROFILES

Github:// **CodeXSoumya**

LinkedIn:// **soumya-mitra**

Leetcode:// **Pseudoproton**

Codeforces:// **Pseudoproton**

## COURSEWORK

### UNDERGRADUATE

Mathematics

Computer Programming in C

Numerical Analysis

Computer Application in Metallurgy

## SKILLS

### BACKEND TECH STACK

Programming Languages

Java • Node.js • PHP

Databases

MySQL • PostgreSQL • MongoDB

Database Technologies:

MySQL

### FRONTEND TECH STACK

Programming Languages

JavaScript • TypeScript • CSS • HTML

Frameworks:

React.js • jQuery • PlayWright

Bootstrap

### PROFICIENCIES

Data Structures and Algorithms

System Design

OS • DBMS • CN

## EXPERIENCE

### CAPGEMINI | ASSOCIATE CONSULTANT | SR. SOFTWARE ENGINEER

August 2021 - Present | Bengaluru, IN

- Worked on the **WordPress** hosted Capgemini.com revamp and Sogeti.com revamp, in **TypeScript** with **React.js** and **PHP**
- Contributed in **development** of **responsive** themes by defining configuration settings, custom style variables for color, typography, navigation and observables
- Developed and deployed **20+** end-to-end WordPress plugins and **static** as well as **dynamic**, Gsap **animated** Gutenberg blocks in GIT
- Wrote test cases for **browser testing** of the blocks using Playwright framework that increased the development speed by **30 percent** owing to introduction of **TDD**

## PROJECTS

### QUEST SEARCH TYPEAHEAD

React Trie-based Search Component that dynamically suggests search results based on user input, with the ability to prioritize frequently searched terms

### WEB CRAWLER (SPIDY)

A Java web crawler that recursively visits pages, extracts and queues URLs, handles redirects, resolves relative URLs, limits the number of sites, and avoids duplicate crawling.

## CERTIFICATIONS

### DATABASE MANAGEMENT SYSTEMS

NPTEL | IIT-KGP | Jan 2024 – Mar 2024

### PROGRAMMING, DATA STRUCTURES AND ALGORITHMS

NPTEL | Chennai Mathematical Institute | Aug 2018 – Sept 2018

## ACHIEVEMENTS

2024	Knight @LeetCode	Acquired in 6 months from 17 contests
2024	13 <sup>th</sup> /6225	NPTEL Certification on Data Base Management Systems
2021	3 <sup>rd</sup> /42	University Bronze Medal
2018	Top 5%ile /4745	NPTEL Certification on Data Structures and Algorithms
2017	AIR 1436	West Bengal Joint Entrance Examination

## EXTRACURRICULARS

### PHOTOGRAPHY

Foundry Photojournalism Workshop |  
Jadavpur University, 2018