

# Aditya Chakravorty

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## EDUCATION

### **NSHM COLLEGE (MAKAUT)**

BACHELOR'S IN COMPUTER

APPLICATIONS

Aug 2020 - Jun 2023 | Durgapur, India  
Cum. GPA: 9.03 / 10.00

## LINKS

Github:// [hannesxc](#)

LinkedIn:// [Aditya Chakravorty](#)

Credly:// [Aditya Chakravorty](#)

WhatsApp:// +91 7583941739

## COURSEWORK

### **UNDERGRADUATE**

Object Oriented Programming

Data Structures and Algorithms

Discrete Mathematics

Computer Architecture

Operating Systems (w/ Linux)

Database Management Systems

Software Engineering

Computer Networking

### **SELF-TAUGHT COURSES**

Cloud Computing Foundations/Core

Developing Cloud Native Applications

Python for Data Science

AI/Machine Learning Fundamentals

Scrum and Agile Methodologies

CyberSecurity Fundamentals

## SKILLS

### **PROGRAMMING**

Expertise in:

- Python • JavaScript • C • Java
- .NET • Bash

Proficient with:

- React • NodeJS • Adonis • NextJS
- NestJS

Essential tools:

- Git • VSCode • Cloud (IBM/AWS)

## SOFT SKILLS

Traits:

- Self-Motivated • Problem Solving
- Versatile • Teamwork

Languages:

- English • Hindi • Bengali

## EXPERIENCE

### **ZITHARA | JAN 2024 - CURRENT**

Software Development Engineer

Spearheaded the creation of a robust ecommerce platform similar to Shopify, with a focus on extensive frontend customizations. Successfully reduced the initial page load time from roughly 7 seconds to an impressive 700 milliseconds, ensuring optimal performance and scalability throughout development. Additionally, I implemented dynamic customization features, allowing for seamless addition, duplication, and modification of components, as well as the creation of custom pages. Collaborating closely with cross-functional teams, I played a pivotal role in developing the backend infrastructure to support frontend customizations.

### **AMAZON | AUG 2023 - JAN 2024**

Specialist

Worked in a specialized team focused on preventing concessions abuse, contributing to the company's efforts to uphold integrity and customer trust. Leveraged expertise in data analysis and fraud detection to identify and mitigate instances of abuse, ensuring compliance with company policies and regulations. Collaborated with cross-functional teams to implement proactive measures and develop scalable solutions to address emerging challenges, mitigating day-to-day concessions abuse.

### **DATASPACE SOLUTIONS | MAY 2022 - JUN 2022**

Intern

Acquired comprehensive knowledge of cybersecurity fundamentals, mastering pentesting methodologies and their practical application in real-world scenarios. Leveraging advanced tools such as Wireshark, Burp Suite, Metasploit, Nmap, and others, I conducted in-depth analysis to monitor network activity, identify security vulnerabilities, and implement effective countermeasures.

## PROJECTS

### **RESPLASH | HANNESC.LIVE/RESPLASH**

React, TailwindCSS, Firebase, OAuth2 | [Github](#)

Royalty free images sharing website where users can browse the site freely for images (view them, download them, etc). Authentication on the other hand, is done through OAuth2, and authenticated users can upload images globally to the site with descriptions/tags, search for images, like posts, etc. Uses lazy loading (infinite scroll).

### **DOWNPOURCHAT | HANNESC.LIVE/DOWNPOUR-CHAT**

React, NodeJS, ExpressJS, Socket.io, MongoDB | [Github](#)

Private end to end encrypted chatting application with caching and downloadable transcripts of conversations in JSON format. All data is flushed on session termination from our backend. Privacy first!

and many more projects on my [GitHub profile](#).

## CERTIFICATIONS

AWS Certified. edX Certified.

Most of my certifications can be found on [Credly](#).