

Devansh Agarwal

[GitHub](#) | [Linkedin](#) | [Leetcode](#)

EDUCATION

BTech in Information Technology , ABV-Indian Institute of Information Technology, Gwalior (2020 — 2024)	8.25/10.00
AISSCE (Class XII) , Delhi Public School, Indirapuram (2020)	95.8%
CBSE (Class X) , Delhi Public School, Indirapuram (2018)	97.6%

COURSES

- Data Structures and Algorithms
- Machine Learning and data mining
- Object Oriented Programming
- Operating Systems
- Database Management System
- Computer Networks

PROFESSIONAL SKILLS

Technical Skills: C++, C, React.js, Node.js, Express, MongoDB, JavaScript, SQL, HTML5, CSS, Docker, Git, TypeScript, Next.js, Redux, Bootstrap, Tailwind, Vite, Kafka, Rest API, GraphQL

PROFESSIONAL EXPERIENCE

MAQ Software

Associate Software Engineer

December 2023-Present

- Working on MWP program for Microsoft. Involved in development and improvement in efficiency of **100+ features** in the web app.
- Involved in creating the database schemas along with data analysis using Python, SQL, JavaScript, Azure, Power Platform etc.

Lucify Labs

Full Stack Developer

October 2023-December 2023

- Led the innovative and collaborative agile development of a mobile-first web app used by hotels for their services. The development involves both the customer side and the admin side of the application.
- Developed **100+ endpoints, components, role-based authorizations** for multiple stakeholders. Technologies include **Node.js, Express.js, TypeScript** for backend and **TypeScript, React.js** for frontend etc. **Redux** is used for state management.
- Along with this, also leading the responsibility of creating **issues and sprints** of the entire project on JIRA. Involved in writing various scripts for testing flow of the application. Also, involved in integrating the application with various public cloud services.

Prozia Management Consulting

Software Engineer

June 2023-July 2023

- Led the frontend development of an internal business web application. The coding is done in **React.js, HTML, CSS, JavaScript**.
- Also created multiple react components like profile pages, employee training pages etc. for the website.

Amazon

Amazon ML Summer School Mentee

September 2023-October 2023

- Selected to be a part of an innovative learning program on various machine learning and data analytics topics
- Also interacted with various scientists at Amazon to get a deeper understanding of real world problems and their solutions.

ACADEMIC PROJECTS

SkyScroll

- Created a Note taking application using **Express.js, MongoDB, React.js and Javascript**. There is an option of user sign-up and login.
- After login the user can view only his notes. The user can create new notes, view existing notes, etc. All the notes of the users are stored in a MongoDB database. For the purpose of React state management **Context API** has been implemented.

Local DC++

- Created a **python application** that replicates the features of DC++. Features include sharing files and messaging.
- For private messaging, user has to select one of the listed users. For group messaging, server sends the message to all users who are connected at that time. **MySQL** has been used for database.

NewsWave

- Implemented a responsive, real-time news application, tracking all the current headlines in the category that user selects.
- The user can see the title, description, date, author and source of the article. Composed this using **React.js and Bootstrap**.

Flex Shop

- An e-commerce website. This website is divided into buyer and seller sections. For coding, the implementation is in **JavaScript**.
- For backend, **Node.js, Express.js** have been used. For the purpose of storing user data, **MongoDB** has been used.

OTHER ACHIEVEMENTS AND AWARDS

- Selected to be a part of **Generation Nothing** program at Nothing.Tech.
- Rated **1846** on leetcode. Also, rated among the **top 5 percent** on Leetcode.
- Solved **more than 700 questions** based on data structures and algorithms across all platforms.
- Achieved a percentile of **98.4** in JEE Mains.
- Contributed to various open source repositories including **Kubernetes** and also participated in Hacktoberfest 2021.
- Rated around **1600** on chess.com and currently on Elite league.
- Successfully completed **Supervised Machine Learning: Regression and Classification** by Stanford University and DeepLearning.AI.
- Successfully completed **Accelerated Computer Science Fundamentals course** by University of Illinois.
- Achieved **All India rank 4** in Coding Ninjas Founder Online Challenge.