

# Dhruv Dwivedi

B.Tech CSE — Batch of 2026

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GitHub    LinkedIn

## Objective

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Aspiring Software Developer with strong foundation in DSA, web development, and cloud technologies; actively exploring AI agents and model context protocols (MCPs).

## Technical Skills

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**Languages:** C++, JavaScript, Python

**Web Technologies:** React.js, Next.js, Node.js, Express.js, HTML, CSS, Tailwind, Bootstrap

**Databases:** MongoDB, MySQL

**Tools/Platforms:** Git, GitHub, Docker, Jenkins, GitHub Actions, AWS Cloud, Postman, OpenAI API

**CS Fundamentals:** DSA, OOPs, DBMS, OS, Computer Networks, Computer Architecture, Software Engineering, Theory of Computation

## Education

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### B.Tech in Computer Science Engineering

2022 – 2026

UPES Dehradun, Uttarakhand

CGPA: 7.1 (Current)

### Senior Secondary (CBSE)

2022

Cathedral Sr. Sec. School, Lucknow

Stream: Physics, Chemistry, Mathematics with Computer Science

Score: 80%

### Secondary (CBSE)

2020

Cathedral Sr. Sec. School, Lucknow

Score: 83%

## Internships

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### Project Intern – IBM (Remote)

May 2025 – Present

*Project: Cloud-based Insurance Portal*

- Collaborated with a team to design and develop an end-to-end insurance portal using MERN stack.
- Integrated AWS cloud services (EC2, S3) for deployment and ensured modular, scalable backend architecture.
- Followed Agile methodology and participated in regular sprint reviews and code optimization tasks.

## Projects

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### Cloud-based Insurance Portal (In Progress)

*Tech Stack: React, Node, MongoDB, AWS*

- Built secure login/signup system with policy and claim data handling.
- Implemented dynamic blog content delivery and deployed services using AWS EC2 and S3 for scalability and reliability.

### CI/CD Dashboard Viewer

GitHub

*Tech Stack: React, Docker, GitHub Actions*

- Displays build/test pipeline status with real-time pull-based updates.
- Improves productivity by visualizing CI/CD outcomes directly from GitHub.

### Site Sentry – Browser Activity Tracker Extension

GitHub

*Tech Stack: HTML, CSS, JavaScript, Chrome Extension APIs*

- Developed a lightweight Chrome browser extension to track time spent on websites in real time.

- Utilized `chrome.tabs` and `chrome.storage.local` APIs to fetch and store browsing activity data efficiently.
- Designed to help students analyze and manage their online time by providing clear visibility into browsing patterns.
- Ensured a minimal and intuitive user interface with HTML, CSS, and vanilla JavaScript.

## Certifications

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| • <b>Generative AI Fundamentals</b> – Google                                   | <i>Issued: Sep 2023</i> |
| • <b>Introduction to Generative AI</b> – Google                                | <i>Issued: Sep 2023</i> |
| • <b>Introduction to Large Language Models</b> – Google                        | <i>Issued: Sep 2023</i> |
| • <b>AWS Academy Graduate – Cloud Web Application Builder</b> – AWS            | <i>Issued: Apr 2025</i> |
| • <b>AWS Academy Graduate – Microservices and CI/CD Pipeline Builder</b> – AWS | <i>Issued: Jun 2025</i> |

## Achievements & Activities

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- Delivered freelance landing page for a client using basic frontend (HTML, CSS, JS) with responsive design and integrated contact form via Email.js.
- Assigned as Group Lead during a social internship, responsible for coordinating team tasks and managing project functions.
- Building an automated YouTube channel focused on AI tools and tech updates, aimed at publishing consistent weekly content using scripting and automation tools.