

NEHA JHA

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EDUCATION

B.Tech (Computer Engineering)	2019-23	IIT Bhubaneswar	CGPA: 8.22
CBSE XII	2019	Vishwa Bharati Public School, Greater Noida	94.6%
CBSE X	2017	Vishwa Bharati Public School, Greater Noida	CGPA: 10

TECHNICAL SKILLS

Frontend: HTML, CSS, Bootstrap, React.JS, Angular

Backend: ASP.Net Core, Node.JS, Express.JS, MySQL

Language: Python, C-Sharp, C++, JavaScript

Technologies: RabbitMQ, Microsoft Azure

EXPERIENCE

Software Developer Intern | Dell Technologies

[Jan'23-May'23]

- Introduced Rabbit Messaging Queue to optimize Dell's online return automation process.
- Upgraded return processor architecture from timer-based to real-time processing, enhancing efficiency.
- Achieved a remarkable 80% improvement in the efficiency of the return processor.

Software Developer Intern | Dell Technologies

[May'22-July'22]

- Integrated voice search functionality** in Dell Order Support home page and ensured compatibility by handling edge cases for unsupported browsers and invalid order id voice inputs.
- Executed **real-time speech synthesized output** of the current order delivery status in the Dell Order Detail Page and added support for 300+ web browser languages with native accents across the globe.
- Developed a **full-stack web application** using ASP.Net Core, C#, and SQL Database to manage Control Settings Protocol.

Web Development Intern | Tvamev Sahayak

[Aug'21-Dec'21]

- Built a robust, standalone [website](#) from scratch, resulting in 200% growth of the NGO's national reach.
- Enhanced the digital accessibility of the website for users with low vision by **integrating React.js with Fluent Design System**.

PROJECTS

[PDF Automation – OCR Text Recognition](#) | Python, Node.js, React, Express.js

- Created a web application to **identify and extract the data items** from the invoice uploaded by the user.
- Added functionality to output the desired attributes as a downloadable file in two different formats - CSV and JSON.
- Formulated an algorithm to handle misaligned images, watermarked images, and multiple pdfs at one time.

[Decipher](#) | Node.js, Python, Azure

- Devised a web-based tool to provide **multilingual versions of videos** hosted online and real-time translation.
- Provided support for 60+ languages with native accents by making use of Google Translate API.

[Krishyojana](#) | HTML, CSS, JavaScript, Django

- Developed a web-based **e-marketing portal for the farmers** to simplify the selling of crops produced and management of finances through a built-in loan calculator.
- Provided feature to check out a list of current government schemes for farmers and a tabulated form of MSP rates of crops updated yearly.

ACHIEVEMENTS AND AWARDS

- Winner of Dell Hack-to-Hire**, intra college level hackathon conducted by Dell Technologies.
- Recognized by the Vice President at Dell for the implementation of compatibility features in order status website.
- Secured a place in the **top 10 out of 3806** teams to compete in the finals of Hack of PI Global Hackathon.
- Achieved one of the **top 30th positions** out of 6800+ teams in India in **Flipkart Grid 3.0**.
- Invited as an **attendee at GitHub Field Day India 2022** based on contributions towards developer community.

POSITIONS OF RESPONSIBILITY

Founder and Lead | Google Developer Student Club IIT Bhubaneswar

[July'21-July'22]

- Augmented scale of club by **500%** with the establishment of coding and development culture in college.
- Facilitated Google Cloud Program, Android, Flutter, Web & ML Study Jam, Explorer sessions, **impacting more than 500+** students.
- Spearheaded the PR and outreach team and successfully organized GDSC WOW, a 3-day event with **20k+ registration** and **100k+ views** on YouTube.

Web Development Lead | GeeksForGeek IIT Bhubaneswar Chapter

[June'21-June'22]

- Planned and conducted learning sessions on Web Development with an attendance of 70+ students .
- Supervised 50+ students** and reviewed the projects submitted in a 10-day hackathon.
- Mentored and solved doubts of 100+ students on the GeeksForGeek telegram channel.