

# HARSH GOVIND

Student at Birla Institute of Technology Mesra

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## Education

**Birla Institute of Technology Mesra**

*Bachelor of Technology in Computer Science and Engineering*

**Expected July 2024**

*8.6 CGPA*

## Experience

**Liveasy Logistics**

**Nov 2020 – July 2023**

*Software Engineer Intern*

*Remote*

- Developed RESTful APIs with Node.js and MongoDB to enable user management functionality, including login, registration, role-based access control, and password reset.
- Developed the main website of the company using HTML, CSS, VanillaJS and other technologies.
- Collaborated with cross-functional teams, including design and product, to develop and maintain the company's website and ensure it meets the needs of users and stakeholders.
- Improved website ranking by 40% on Google Search through SEO optimizations.

## Projects

**ShopNest (Link)** | *NodeJs, ExpressJs, MongoDB, Postman*

**June 2023**

- Developed backend system powering core functions of a full-stack e-commerce website.
- Developed RESTful APIs with Node.js and MongoDB to enable user management, product management and order management functionality.
- Implemented JWT-based authentication using Express middleware for secure user access and account management.
- Built advanced CRUD functionality for users, products, and orders to support complex business needs.

**Playlist Data (Link)** | *YouTube Data API, HTML, CSS, NodeJs, ExpressJs*

**July 2022**

- Developed a web application which gives the entire duration of a Youtube Playlist.
- Used YouTube Data API v3 to retrieve playlist metadata, including video titles, durations, and counts.
- Handled a limit of 100 videos of API and made it limitless to process the biggest playlist of 5,000 videos.
- Built robust backend infrastructure with NodeJs and Express to handle large volumes of API requests.

**Quogen (Link)** | *Unsplash API, Type.fit API, Twitter API, HTML, CSS, JavaScript*

**June 2022**

- Built clean, adaptive UI with HTML, CSS and Vanilla JavaScript. Used Type.fit and Unsplash APIs to generate random inspirational quotes and background images in a responsive web app.
- Integrated Twitter API to allow easy quote sharing to social media from the app.
- Cached API responses locally using IndexedDB to allow near-instantaneous quote generation after initial load.

## Technical Skills

**Languages and Frameworks:** C++, HTML/CSS, JavaScript, NodeJs, ExpressJs

**Databases and Other Tools:** MongoDB, SQL, Firebase, REST API, Git/ GitHub, Linux, VS Code

**Subjects and Familiar Technologies:** OS, DBMS, OOPS, ReactJs, NextJs, TypeScript, Java, Python

## Achievement / Extracurricular

- Solved 700+ problems on Leetcode. (Link)
- Solved 1000+ DSA problems in overall platforms.
- Successfully completed #365DaysOfCode coding challenge in 2022. (Link)
- Mentored 200+ students in 30-day-long C/C++ and DSA class Programming 101 organized by the Coding Society.
- Mentored C++, JavaScript and GitHub to 100++ students in a 7-day session 7DevDays organized by the IEEE SB.

## Leadership

**IEEE Student Branch**

**Aug 2020 – Present**

*Chair*

- Demonstrating strong leadership skills by effectively managing and delegating tasks to ensure smooth event execution.
- Coordinated and hosted over 15 events for a large student audience of over 10,000 individuals across India.
- Received the title of best performing IEEE Student Branch of Kolkata Region with funding of \$208.