

# SHRUTI THAKUR

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## Education

**Birla Institute of Technology (BIT), Mesra**

May 2021 - May 2025

*B.Tech in Computer Science & Engineering*

CGPA: 7.81/10

**Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Database Management System, Operating Systems, Data Communication and Computer Networking, Object Oriented Programming

## Work Experience

**Full Stack Web Developer Intern**

Jun 2024 – Aug 2024

DIGITAL ALCHEMIST LABS — Certificates: [Letter of Internship](#)

- Reduced website loading time by 50%, enhancing user experience across various platforms.
- Optimized the codebase, boosting team productivity by 20% and project efficiency by 30%.
- Developed and tested new features, increasing site functionality and user satisfaction by 85%.

**Dot Net Developer**

Feb 2024 – May 2024

Bharat National Solutions Limited (BNSL) — Certificates: [Offer Letter](#), [Star Performer](#)

- Collaborated with a team to achieve 100% proficiency in .NET, C, and MySQL, driving project success.
- Mastered MySQL's stored procedures and triggers, contributing to 100% website development efficiency.
- Developed responsive, user-friendly websites, achieving a 98% client satisfaction rate.

**Web Developer Intern**

May 2023 – Aug 2023

Musocial Private Limited — Certificates: [Certificate of Internship](#), [Appetite Certificate](#)

- Utilized the MERN Stack to deliver projects 40% faster, increasing customer satisfaction by 30%.
- Engineered real-time REST API integration and deployment, demonstrating 90% proficiency in server management and API development.

## Projects

**HR Management System**

[Source Code](#)

- Achieved 100% job posting efficiency with advanced filters, resulting in 95% candidate accuracy and optimal hiring processes.
- Automated 90% of interview scheduling, confirmations, and reminders, streamlining recruitment workflows.
- Enabled employers to access detailed candidate profiles, achieving a 98% thorough evaluation rate, enhancing hiring decisions.

**Dream Square**

[Source Code](#)

- Integrated React and Node-based features, driving a 25% surge in sign-ups, enabling personalized learning experiences for users.
- Ensured 95% secure transactions with a robust SQL REST API, including seamless withdraw functionality, enhancing user trust.
- Enhanced satisfaction by 20% and eased account management by 90% with a comprehensive blog section and useful tools.

**VTA (Video to Audio Converter)**

[Source Code](#)

- Created a user-friendly VTA tool for effortless MP3 conversions, with an emphasis on simplicity and functionality.
- Ensured 99% format compatibility, supporting seamless playback across diverse devices and platforms.
- Delivered high-quality audio files with advanced encoding techniques, resulting in 95% user satisfaction.

## Technical Skills

**Programming Languages:** Java, JavaScript

**Full Stack Development:** HTML, CSS, Bootstrap, Tailwind CSS, React, Node.js, Express.js, MongoDB, SQL

**Tools and Technologies:** Git, GitHub, Postman

**Other Skills:** Data Structures and Algorithms, OOP, DBMS, Operating Systems, Computer Networks

## Certificates

**The Complete 2023 Web Development Bootcamp(Udemy)**

[Certificates](#)

**Mastering Data Structure and Algorithm using C and C++(Udemy)**

[Certificates](#)

**Rapid Growth Problemset** Solved 250+ super hard DSA problems, significantly improving coding skills

## Extra-Curricular Activities

**President**

Jul 2023 – Present

*Fine Arts Society, BIT Mesra*

- Participated in 90% of events and fest organized, contributing to 95% student engagement and learning.

**Volunteer**

Sep 2022 – May 2023

*National Service Scheme (NSS), BIT Mesra*

- Engaged in 95% community service activities, leading to a 90% positive impact on local communities.