

ARCHIT SHANKAR TRIPATHI

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[GitHub](#) [Codechef](#) [LeetCode](#) [Hackerrank](#) [GeeksForGeeks](#)

EDUCATION

Madan Mohan Malaviya University of Technology, Gorakhpur

2019 - 2023

Bachelor of Technology in Computer Science and Engineering (CPGA of 8)

Uttar Pradesh, India

EXPERIENCE

Scaler Academy/InterviewBit

July 2022 – January 2023

Software Developer Intern

Remote

- Streamlined **routing and testing** functionalities for user skills in back end, enabling seamless course assignment to users and reducing the database load by **30%**.
- Created **email functionality** to promote various courses to users and Prepared an **end-to-end full stack admin panel** for smooth course promotion process, improving **user engagement** by **20%**.
- Introduced a **widget** for users to register for various products, resulting in a **15%** increase in sales and streamlining the registration process.
- Optimized previous code in back end using various **hashing techniques** and **Redis**, resulting in a **250%** reduction in **API response times**, improving overall system performance.
- Tech Stack: Full Stack** Ruby on Rails, Reactjs, Redux, MySQL, Redis, Sidekiq, Git, Asana, Rspec, Postman, REST API.

PROJECTS

Easy Shop | *React Js, Redux, NodeJs, Express.js, and MongoDB* | **Project** | **Source Code**

March 2023 - April 2023

- Created a **Full Stack** E-commerce Web Application using the **MERN stack** having functionalities of Amazon, including user authentication, product browsing, shopping cart, and order processing.
- Integrated **third-party APIs** for payment processing and order tracking, such as **Paypal**, to provide a seamless checkout experience for users.
- Strategized the front end using **React**, leveraging components, **state management**, and **Redux** for global state management to ensure a smooth user experience.
- Implemented **user authentication** and authorization using **JSON Web Tokens** in back end for secure login and protected routes, ensuring data privacy and security for users.

Insta Clone | *React Js, NodeJs, Express.js, and MongoDB* | **Project** | **Source Code**

November 2022 - January 2023

- Designed a **Full Stack** web application using the **MERN stack** to create a functional Instagram clone.
- Implemented user **authentication** and authorization using technologies such as **JWT** and **bcrypt** in backend for secure user registration and login.
- Coded **RESTful API** endpoints for handling **CRUD** operations for posts, comments, and user profiles, using **Express.js** as the backend framework.
- Employed **user interface** using React in front end, including components for user profile, image uploads, and likes/follow functionality, with state management utilizing **Context API**.

ACHIEVEMENTS

- Completed over **900** problems on popular platforms such as GeeksForGeeks, Leetcode, Codechef, and Codeforces.
- Achieved the highest rating of **1913** and a **4-star** rating on Codechef, a leading platform for competitive programmers.
- Secured a rank of **501** in CodeChef Starters 27 (div 2), and a rank of **310** in CodeChef Starters 67 (div 2).
- Rated **5 stars** on Hackerrank, a renowned platform for learning Data Structures and Algorithms.

TECHNICAL SKILLS

Languages: C++, C, HTML, CSS, JavaScript, Ruby, SQL

Technologies/Frameworks/Libraries: ReactJS, NodeJs, MongoDB, ExpressJs, Ruby on Rails, Redis, EJS, Bootstrap, jQuery, MySql, Git, GitHub

Core Subjects: Operating Systems (OS), Computer Networking, Database Management Systems (DBMS), Object Oriented Programming (OOPs)

RESPONSIBILITIES

IEEE | **Executive Member** |

July 2020 - October 2022

- Coordinated and managed the annual technical festival, **Techsrijan**, as an executive member of the Institute of Electrical and Electronics Engineers (IEEE) at my college.
- Organized various events, including **gaming** and **robo-making** competitions, to provide a platform for students to showcase their technical skills and creativity.