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, 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 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 using various **hashing techniques** and **Redis**, resulting in a **250%** reduction in **API response times**, improving overall system performance.
- Developed **RESTful APIs** using **Ruby on Rails, MySQL, Redis, Sidekiq, Git, Asana, Rspec, and Postman**, adhering to industry-standard coding practices and tools.
- **Tech Stack:** Ruby on Rails, 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** 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** 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, including components for user profile, image uploads, and likes/follow functionality, with state management utilizing **Context API**.

Smart Brain | *React Js, NodeJS, Express.Js, and MongoDB* | **Source Code**   **August 2022 - September 2022**

- Designed and developed a **full stack** web application utilizing modern technologies such as **React.Js** for the front end, **Node.js** and **Express.Js** for the back end, and **MongoDB** database for data storage.
- Architected a powerful **search feature** that leverages **Face Detection Machine Learning API** to **detect faces** in images uploaded by users, enhancing the application's functionality and user experience.

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, Computer Networking, Database Management Systems, OOPs