

SHARDUL VIKRAM SINGH

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Education

H.A.L. School, Korwa **2015 – 2016**
class 10th *9.6 CGPA*

H.A.L. School, Korwa **2017 – 2018**
class 12th *80 percentage*

Inderprastha Engineering College **2020 – 2024**
Bachelor of Technology in Computer Science and Engineering *7.2 CGPA*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Web Development
- Internet Technology
- Software Methodology
- Database Management
- System Design
- Operating Systems

Technical Skills

Languages: Java, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, GIT, Github, NodeJs

Libraries/Frameworks/Databases TailwindCSS, ExpressJs, MongooseORM, MySQL, MongoDB

Experience

Oasis Infobyte Virtual Internship **July 2023 – August 2023**

Front End Developer Intern

- Learned various technologies and paradigms for web development using HTML, CSS and Javascript.
- Built various applications like Quiz Application, AlarmClock, Calucator, Authentication Page, To-do List.
- Utilized Visual Studio Code as a development environment in order to visualize and develop the applications.

Projects

PostAway- REST API for social media applications | *NodeJs, ExpressJs, MongoDB, JWT Auth* **Jan 2024**

- Developed an api based on REST protocols using ExpressJs, MongoDB and JWT Auth to register user to the social media application and interact with other user's posts and even can upload their own.
- Implemented post, like and comments features so that user can like and comment on various posts.
- Used Multer node package to upload post and save it back to the database for persistent access.

Easily- web application for hiring or getting hired | *HTML, TailwindCSS, EJS, ExpressJs, MongoDB* **Feb 2024**

- Created a web application using HTML, TailwindCSS, EJS, NodeJs, ExpressJs, Mongoose, MongoDB to hire and even get hired.
- Implemented JSON Web Token (JWT) authentication to ensure secure user authentication and authorization processes within the application.
- Designed and developed user-friendly features for both employers and job seekers, facilitating efficient hiring processes.

Chatting Application using socket programming | *HTML, TailwindCSS, EJS, ExpressJs, MongoDB* **April 2024**

- Developed a real-time chat application using MongoDB, Node.js, Express.js, HTML, and Tailwind CSS.
- Leveraged MongoDB for data storage and retrieval, ensuring seamless persistence of chat messages and user data.
- Implemented WebSocket communication using libraries like Socket.IO to enable real-time, bidirectional communication between clients and the server.

Certifications/Achievements

- Various certification courses like java for beginners by Scaler, Career camp by Coding Ninjas, Interview Preparation by Coding ninjas, System Design By Coding Ninjas.
- 4 star coder at HackerRank
- Successfully tackled 1.9k problems while completing my java and data structures module of career camp, pushing my problem-solving boundaries.
- Learned various technologies like HTML/CSS and MERN Stack and implemented them in various applications.
- Developed a fundamental understanding of various system design principles in order to build scalable and robust web applications.