

Shagun Mengi

shagunmengi003@gmail.com | +91 91031 10153 | LinkedIn | Github | Leetcode | GFG | Portfolio | Hashnode

EDUCATION

B.Tech, Computer Science and Engineering, Shri Mata Vaishno Devi University 2021 – 2025
CGPA: 8.68 Jammu, India

Senior Secondary(CBSE Board), KC Public School 2019 – 2021
Percentage: 87.4 Jammu, India

EXPERIENCE

InventAI, Software Developer 06/2024 – present

- Developed a full-fledged platform using Nextjs and Firebase for managing ocean-deployed sensor data, automating data extraction, and cloud storage uploads.
- Implemented comprehensive features including rich text report generation, internal email system, calendar synchronization, real-time notifications, messaging system, file uploads and more.
- Created backend APIs for Mapbox integration, developed profile settings, and ensured secure authentication with email verification.

CredoHire, Frontend Developer 07/2023 – 08/2023

- Optimized the <https://credohire.ai/> production website, resulting in a 20% improvement in page load times, contributing to a better user experience.
- Streamlined operations on Candidate and Corporate Portals, significantly improving overall efficiency, and gained a holistic understanding of the platform's workflow.
- Resolved over 50 bugs, ensuring website reliability, and contributed to documentation, reducing onboarding time by 20% for new developers.

Collab Lab, developer 04/2023 – 06/2023

- Developed a predictive shopping list application using React and Firebase, offering estimated upcoming shopping dates to users.

PROJECTS

Renovate, [next.js](#) | [hygraph](#) | [shadcn](#) | [descope](#)

- Simplified home services and repairs for users, offering easy access to a variety of services.
- Implemented features for seamless scheduling and management of home services, providing flexible options for booking and appointment management.

SynopsisAI, Tech Stack: [Reactjs](#), [Tailwind](#)

- Proficient AI-powered system that converts lengthy articles into concise and readable summaries.
- Implemented local storage mechanism to store and retrieve the search history, allowing users to conveniently access the previous search queries.

TradeCrypto, Tech Stack: [Chartjs](#) [Reactjs](#) [RESTful API](#)

- Developed platform utilizing crypto API for real-time data retrieval, supporting detailed info, price graphs, and coin-specific searches.
- Enabled multi-currency display (USD and INR) and integrated user-friendly search features, allowing users to access in-depth information with price chart graphs for selected coins.

ROLES AND RESPONSIBILITIES

SMVDU Code Club Coordinator 08/2023 – present

- Ensured a strong coding culture by conducting programming sessions and contests.

GDSC Tech Lead'23 11/2023 – present

- Led project execution, resolved technical challenges, and organized workshops for student engagement.

SKILLS

Programming Languages: — JavaScript, C/C++, Python, Java, HTML5, CSS, **Databases:** — Firebase, MongoDB, SQL,

Libraries/Frameworks: — NextJs, ReactJs, Express.js, Node.js, EJS, Tailwind, Redux, Bootstrap, MaterialUI and more,

Tools/Platform: — GitHub, Git, Microsoft Azure, Google Cloud Platform, Docker, **Core Subjects** — Data Structures and Algorithms, Operating System, Object Oriented Programming, DBMS, Computer Networking, Software Engineering

ACHIEVEMENTS

Google Girl Hackathon'23, Cleared first round demonstrating technical skills and coding proficiency

GSSOC'23, Managed feature analysis, bug resolution, and code enhancement via version control.

Hacktoberfest'23/22, Delivered 4+ merged pull requests, enhancing code structure and earning recognition.

Reskilll Microsoft Ideathon'22, 1st Runner-Up

PUBLICATIONS

LNNS Springer, IC4S'05, 02/2024

Bridging The Disparity: A Web-Based Enrollment Management System to Improve Rate of Application Fee Payments in University Admission