

Devansh Singh

✉ [GMail](#) [in](#) [Linkedin](#) [G](#) [Github](#)

Education

Samrat Ashok Technological Institute

Bachelor of Technology in Electronics And Communication (CGPA: 7.15 / 10.00)

Nov '2021 - Present

Vidisha, M.P

Projects

Full Stack Trading Platform with Real-Time Data and Portfolio Management (Zerodha Clone)|

[Demo](#)

- Designed a 100% efficient real-time stock data simulator, eliminating the dependency on external APIs
- Enhanced portfolio analysis by 50%, enabling accurate tracking of investments, profit/loss calculations.
- Achieved 99.9% security and scalability with robust authentication using JWT.

Full stack video conferencing platform |

[Demo](#)

- Using React, Node.js, and WebRTC, enabling real-time video communication with 99% reliability.
- Implemented end-to-end encryption and advanced user authentication (JWT), enhancing security by 90%.
- Optimized application performance, reducing latency by 35% and enabling seamless video calls.

Command-Line Interface with Version Control Platform (GitHub Clone) |

[Demo](#)

- Achieving 95% feature parity with core functionalities like repositories, commits, and user authentication.
- Implemented secure JWT authentication, ensuring 99% reliability in user account protection and data integrity.

Experience

Forage

Dec '24

Goldman Sachs Software Engineering Virtual Experience Program

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that 60% of tested passwords could be cracked using Hashcat due to the use of an outdated hashing algorithm.
- Proposed a 50% increase in the minimum password length and recommended transitioning to a dedicated hashing algorithm to enhance security.

Technical Skills

Languages: HTML5, CSS3, JavaScript (ES6+), Java.

Technologies: **Frameworks:** React.js, Bootstrap, Tailwind CSS, Material-UI **API Development:** RESTful API, API

Authentication (JWT) **Backend:** JavaScript (Node.js), Express.js (Node.js) **Databases:** MySQL, MongoDB **Version Control:** Git, GitHub **Cloud Platforms:** AWS, Google Cloud Platform (GCP).

Concepts: DSA, OOPs, DBMS, Operating System, Computer Networking.

Achievements

Kriyeta 2.0 National Level Hackathon: Build an E-Commerce Website, offers voice controlled functionality, using React.js, Node.js, Express.js, MongoDB, Restful-API and Alan-AI

LeetCode: Solved 50+ of coding question on LeetCode, improving proficiency in data structures algorithms .

Social Engagements

Lead Web Developer: at IETE Cell of SATI Vidisha

Club Member : at Start-Up Cell of SATI Vidisha

Volunteer: at Robin Hood Army - NGO and Volunteer work for food donation

Co-Founder: We-Ar - The Social Welfare Club

Sports-Engagements: Cricket(State-level), Kabaddi(National-level), Football.

Certifications

Responsive Web Design: freeCodeCamp, **Kubernetes Engine:** Qwik Start: Google Cloud Community India, **Java with**

DSA: Apna College, **Product Design Job Simulation:** Forage, **Introduction to MERN Stack:** SimpliLearn, **Introduction to**

Web API: Great Learning, **MATLAB Certified:** MATLAB Coding, **Software Engineering Job Simulation:** Forage.