

AYUSH SINGH

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CAREER SUMMARY :

Results-driven Software Developer skilled in React.js, Node.js, Express.js, MongoDB, SQL, ASP, VBScript, and Bootstrap. Experienced in building scalable, real-time applications with strong expertise in database design, system architecture, and performance optimization. Passionate about delivering efficient and user-friendly solutions.

WORK EXPERIENCE :

Digital ASPL , Vasai

Software Developer | May, 2025 – Present

- Developed and maintained web applications using .NET framework and Classic ASP / VBScript, implementing server-side logic, form handling, and authentication.
- Designed and optimized SQL Server databases: wrote complex T-SQL queries, stored procedures, triggers, and performed indexing/query tuning to improve performance and data integrity.
- Built robust modules for one-to-many data handling (e.g., student registration with education details), file upload/preview systems, and admin consoles with strong validation and transaction handling.

Aakaar Education , Vasai

Admin Executive | June, 2023 – May, 2025

- Implemented and maintained centralized student data workflows by synchronizing Excel / Google Sheets with SQL-based reports for easier access and accurate record-keeping.
- Automated recurring administrative reports and dashboards with Excel formulas, macros, and Google Sheets scripting to reduce manual reporting efforts.
- Leveraged data-driven insights from Sheets/SQL to optimize outreach and admissions processes, coordinating cross-team communications and follow-ups.

PROJECTS :

Zerodha-Inspired Trading Platform

- Built a fully responsive frontend using React.js and Bootstrap, simulating the UI of a professional stock trading platform.
- Designed reusable UI components and optimized layout for cross-device compatibility and smooth user experience.

WanderLust: A Full-Stack Travel Listing Application

- Developed a full-stack travel listing web app using Node.js, Express, MongoDB, and EJS.
- Implemented listing creation, image uploads (Cloudinary), and secure login with Passport.js.
- Used server-side validation (Joi), and cloud-based storage to ensure scalability.

Online Chess Game with Multiplayer Support

- Designed a real-time chess game using Express, EJS, Socket.IO, and chess.js.
- Implemented multiplayer capabilities where users can join the same game room and make real-time moves.
- Used Socket.IO for event-based two-way communication.

EDUCATION :

Thakur Ramnarayan College of Arts And Commerce | 2023–2026

- Pursuing Bachelor's Of Science in Information Technology.
- 8.40 Pointer (Sem 4)
- Participated in Inter-College Tech Competitions

ST ANNE'S JR COLLEGE | 2021– 2023

- XII Science in Computer Science.
- Played Cricket (DSO Level)

SKILLS :

- **Frontend** : React.js, HTML5, CSS3, JavaScript (ES6+), Bootstrap
- **Backend** : .NET Framework, ASP (Classic), VBScript, Node.js, Express.js
- **Databases** : SQL Server, MongoDB
- **Concepts** : Database Management Systems (DBMS), Object-Oriented Programming (OOP), System Design, RESTful APIs
- **Tools & Technologies** : Git, Visual Studio, Postman, Socket.IO, Passport.js, React Router
- **Core Competencies** : Full-Stack Development, Database Design & Optimization, Real-Time Application Development, Software Architecture

CERTIFICATIONS :

- Certificate of Excellence in JavaScript — Programming Hub (Credential ID: 1710788181396), Issued March 2024