

YUGANK SINGH

Aspiring Software Engineer — Full Stack Developer

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 [github](#)

Summary

Aspiring Software Engineer with hands-on experience in full-stack web development using HTML, CSS, JavaScript, React.js, Node.js, and Express.js. Completed a one-month Admin Panel internship at BlackOriginX Private Limited (Torkk), working on admin panel development, backend integration, Golang issue resolution, and AI-based features. Experienced in building REST APIs, implementing authentication systems, and working with MongoDB and MySQL. Possesses a basic understanding of Data Structures and Algorithms, Object-Oriented Programming, DBMS, Operating Systems, and Computer Networks, with programming proficiency in Java.

Experience

BlackOriginX Private Limited — Torkk

Sep 2026 – Oct 2026

Admin Panel Intern

1-Month Internship

- Developed, modified, and enhanced the platform's **Admin Panel** based on project requirements, improving overall functionality and usability.
- Worked on **Admin Panel and backend integration**, identifying and resolving technical issues that arose during the integration process.
- Went beyond the core role to understand and fix issues in the **Golang backend**, enabling smooth end-to-end system integration.
- Implemented and integrated **AI-based functionalities** within the Admin Panel.
- Studied existing workflows and made improvements to them; contributed to website design and implementation work as required.
- Collaborated across frontend, backend, and design areas while adapting quickly to changing project requirements.

Skills

Programming Languages: Java, JavaScript, TypeScript, SQL, Golang (working knowledge)

Frontend: HTML, CSS, React.js, Bootstrap, Tailwind CSS, Material UI

Backend: Node.js, Express.js, REST APIs, JWT Authentication, Passport.js

Databases: MongoDB, MySQL, PostgreSQL

AI & Integration: AI Feature Integration, Groq Vision API, Admin Panel-Backend Integration

Tools: Git, GitHub, Postman, VS Code

Core CS Fundamentals: Data Structures and Algorithms, OOPs, DBMS, Operating Systems, Computer Networks

Projects

Wanderlust

2026

Full-Stack Accommodation Listing Platform

Node.js, Express.js, MongoDB, EJS

- [Live Demo](#)  [GitHub Repo](#)
- Developed a full-stack accommodation listing platform inspired by Airbnb using Node.js, Express.js, MongoDB, and EJS.
- Implemented secure authentication and session management using Passport.js with role-based authorization for protected routes.
- Integrated Cloudinary for image uploads and Mapbox API for geocoding and interactive property maps.
- Designed RESTful APIs, server-side validation using Joi, and centralized error handling for improved application reliability.

Zerodha Clone

2026

Full-Stack Trading Platform Simulation

MongoDB, Express.js, React.js, Node.js

- [Live Demo](#)  [GitHub Repo](#)
- Developed a full-stack trading platform simulation inspired by Zerodha using the MERN stack architecture.
- Implemented JWT-based authentication with secure HTTP-only cookies for protected user sessions and account access.

- Built trading dashboard features including stock watchlist, buy/sell functionality, holdings tracking, positions, and order history management.
- Integrated MongoDB with Mongoose for portfolio and transaction management and developed RESTful APIs using Express.js.
- Created interactive portfolio visualizations using Chart.js and designed responsive dashboard interfaces with Material UI.

ClaimVision AI

AI-Powered Insurance Claim Verification System

2026

React.js, Node.js, FastAPI, MongoDB

- [Live Demo](#)  [GitHub Repo](#)
- Collaborated on an AI-powered insurance claim verification system developed during a hackathon using React.js, Node.js, FastAPI, and MongoDB.
- Integrated the Groq Vision API for automated vehicle damage analysis and AI-powered claim assessment.
- Assisted in frontend integration, API testing, deployment, and end-to-end workflow validation.
- Worked with image upload pipelines, authentication, and database integration while understanding the overall application architecture.
- Contributed to implementing CSV and Excel export functionality for claim assessment reports, enabling users to download structured claim data.

Achievements

- Achieved **Rank 703 out of 1,773 participants** in the **HackerRank Orchestrate 2026** AI Hackathon by building and deploying an AI-powered application.
- Successfully completed the **Delta Full Stack Web Development** course by Apna College.

Certifications

• NPTEL – Programming in Java (Elite + Top Score: 93/100)	2026
• Delta – Full Stack Web Development, Apna College	2026
• Infosys Springboard – Front-End Web Development (HTML, CSS & JavaScript)	2025
• Career Essentials in Generative AI, Microsoft & LinkedIn	2024

Education

B.E. in Information Technology	Expected Graduation: 2027
<i>Bharati Vidyapeeth College of Engineering, Navi Mumbai</i>	<i>CGPA: 7.23 / 10</i>