

# Hasnain Mubarak

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## EDUCATION

**NED University**  
*Software Engineering*

karachi, Pakistan  
2022-2026

## EXPERIENCES

**Virtuosoft — Fullstack Intern**  
*karachi, Pakistan*

Apr 2024 - July-2024

- Developed a comprehensive product featuring a backend powered by NestJS, a frontend built with React, and deployment utilizing Docker.
- Worked on the project of Bounti.ai, an american based company by using nextjs, prisma and SCSS.

## PROJECTS

**OmniNote** | *Next.js, TypeScript, Supabase, Drizzle ORM, ShadCN.*

[link](#)

- A Notion-like web app built with Next.js, TypeScript, and Supabase for note-taking and organization.

**LearnHub** | *Node.js, Express, MongoDB, Redis, AWS S3, Next.js, RTK Query.*

[link](#)

- An LMS with features like authentication, admin dashboard for course management, and restricted video access until course purchase.

**AMS** | *Nest.js, React.js, MongoDB, Material-UI.*

[link](#)

- A system for monitoring attendance, managing employees, and providing key data insights via a dashboard

**Scalable Chat App** | *Nextjs,Nodejs,Redis Pub-Sub, Kafka,Prisma,Postgresql*

[link](#)

- Developed a scalable chat app using Next.js for the frontend, Node.js for the backend, Redis Pub/Sub for real-time messaging, Kafka for event streaming, Prisma for ORM, and PostgreSQL for database.

**Evo (Online Store)** | *MongoDb,Reactjs,Nodejs,Expressjs,ShadCn,Tailwindcss,Stripe.*

[link](#)

- Developed Evo online store using MongoDB for the database, React.js for the frontend, Node.js and Express.js for the backend, ShadCN for design, TailwindCSS for styling, and Stripe for payment processing.

## ACHIEVEMENT

**Leetcode 150+**

- Solved over 150 coding challenges across various difficulty levels, enhancing algorithmic thinking and data structure knowledge.

## TECHNICAL SKILLS

**Javascript:** Nextjs,Nestjs,Reactjs,Expressjs,Nodejs

**Python:** Django-RestFramework

**C++:** Doing DSA in C++.

**Docker:** Containerizing Applications by using Docker.

**Redis:** Advanced Cache management to optimize the performance of applications.

**Apache Kafka:** building real-time data pipelines and streaming applications due to its High throughput.