Hasnain Mubarak

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EDUCATION

NED University <div align="right">karachi, Pakistan</div>
Software Engineering <div align="right">*2022-2026*</div>

EXPERIENCES

Virtuosoft — Fullstack Intern <div align="right">Apr 2024 - July-2024</div>
karachi, Pakistan

- 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.

Debuggers Edge — Junior Fullstack Developer (Remote) <div align="right">Jan 2025 -March-2025</div>
karachi, Pakistan

- Built a Next.js traction website for a bike and parts business, developed a custom web scraper for client data extraction, and created an AI companion agent for interactive experiences.
- Developed a tool to translate PDFs while preserving original formatting, enhancing multilingual accessibility without layout disruption.

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 400+

- Solved over 400 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.
Github Actions: Experienced in building CI/CD pipelines for automating testing, linting and deployment workflows.