

Syed Abdul Ahad

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Objective

- Ambitious Software Engineering undergraduate with hands-on backend and full-stack experience using Node.js, ReactJS, Next.js, Express, Nest and Databases(SQL/NoSQL). I've built real-world, award-winning solutions—from an AI cancer care platform to a blockchain-based crowdfunding app. Currently sharpening my skills in system design aiming to build impactful, scalable products that blend innovation with real user needs.

Education

BACHELOR OF ENGINEERING (BE) | 2022-PRESENT | NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

- Major: Software Engineering
- Related coursework: Currently pursuing BE in Software Engineering with CGPA of 3.68.

INTERMEDIATE | 2020-2022 | GOVT. DELHI COLLEGE

- Major: Pre-Engineering
- Related coursework: Secured 4th Position with 96.3% Marks in First year and ended up with overall 92% Marks in Intermediate, Karachi Board.

Experience

JUNIOR SOFTWARE ENGINEER | OMNISOL AI | MARCH 2025 – PRESENT

- Contributed to both **frontend and backend** development of the company's web application using a **modular architecture** built with **Nest.js** and **React.js**, ensuring maintainability and scalability.
- Currently serving as the **Full Stack Developer** for a large-scale **SaaS-based Inventory Management System**, solving high-impact scalability and performance challenges, and ensuring code quality and architectural consistency across the stack.

SOFTWARE ENGINEER INTERN | OMNISOL AI | FEB 2025 – MARCH 2025

- Improved the scalability and performance of an existing web application by identifying and eliminating bottlenecks, and resolving key frontend design issues for a more seamless user experience.
- Developed and optimized RESTful APIs using **Nest.js**, enhancing backend efficiency and improving system performance by **1.25x** through cleaner architecture and optimized database queries.

INTERNSHIP | CODSOFT | FEBRUARY 2024 – MARCH 2024

- Developed a user interface and landing page of traveling and a portfolio website.

Personal Projects

STREAMEASE (A MOVIE STREAMING WEB): As a Full stack developer for StreamEase, a movie streaming platform, contributed to creating a seamless viewing experience. The platform was built using HTML, CSS, JavaScript, Node.js, express, MySQL and leveraging cloud services for movie storage.

CONNEXIFY (A REAL TIME CHAT APPLICATION): Connexify is a real-time chat application enabling seamless and instant communication between users. It supports messaging, real-time updates, and secure data transmission. I worked as a Full Stack Developer on this project using the MERN stack and WebSockets, implementing an intuitive UI with Tailwind CSS and DaisyUI.

ONCOCURA (A CANCER TREATMENT WEB): As a Backend developer on OncoCura, utilizing NodeJS, Express & MongoDB to create a dynamic, AI-Driven Platform that analyzes Cancer Patients' medical records to generate personalized treatment plans. The platform securely manages health data, tracks treatments in real-time, and integrates an e-store for ethical access to Cancer medications.

EquiLink – A Modern revolutionary Crowdfunding platform to connect investors and startups including blockchain transactions and profile management. As a frontend developer on EquiLink, I used React, Redux, TailwindCSS, Shadcn, and Metamask for frontend.

Skills & Abilities

LANGUAGES: JAVASCRIPT (ADVANCED), TYPESCRIPT, PYTHON, C++, HTML, CSS, SQL

FRAMEWORKS & LIBRARIES: REACT.JS, REDUX, NEXT.JS, EXPRESS.JS, NEST.JS, TAILWIND CSS, BOOTSTRAP, SHADCN.

BACKEND & DATABASES: NODE.JS, MYSQL, POSTGRESQL, MONGODB, WEBSOCKETS, PRISMA ORM.

TOOLS & PLATFORMS: GIT, GITHUB, LINUX OS

SOFT SKILLS: Problem-solver, Communication, Leadership, Working in a collaborative environment, Quick learner.

TOOLS: VSCode Code Editor, Figma, Postman, Redis, Microsoft Office, Google Docs, Google Sheets, Github, Oracle and VMware Workstation.

INTEREST: Web Development, Cloud Computing, Artificial Intelligence.

Achievements

2ND PRIZE | TEKNOFEST | EXPO CENTER, KARACHI

- Secured Second Prize in Full stack web application competition at Teknofest competing with teams from all over Karachi, organized by Islami Jamiat e Talba Pakistan.

1ST PRIZE | CODESPHERE | NED UNIVERSITY

- Achieved First Prize in Desktop Application Development at “CodeSphere” organized by Software Dept. of the NED University.

2ND PRIZE | IBA PROBATTLE | IBA

- Secured Second Prize in UI/UX competition at IBA ProBattle organized by CS society of IBA.