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PROFESSIONAL EXPERIENCE

Full Stack Developer | TA Solutions
April 2025 – Present

- Developed backend automation scripts to streamline operations and reduce manual tasks.
- Developed full-stack features using Angular for frontend and NestJS with MongoDB for backend services.
- Built projects using Angular and Firebase (Firestore, Authentication, and Hosting).

Tools and Technologies: Angular, Node.JS, NestJS, Firebase, MongoDB, TypeScript, JavaScript, GitHub

Software Engineer | EnableU
Nov 2022 – Jan 2025 (2 yrs 3 mos)

- Built and maintained reusable and modular angular components to streamline development.
- Made modifications to Spring Boot applications when needed to enhance functionality.
- Worked with Node.JS and Express.JS for backend tasks to support the application.
- Developed and optimized Lambda functions for serverless applications.
- Created and optimized RESTful APIs to improve application performance.
- Managed and created Stored Procedures.

Tools and Technologies: Angular, Node.JS, Express, SQL, AWS, TypeScript, JavaScript, Python, Microsoft SQL Server Management Studio, DBeaver, GitHub, Jira

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EDUCATION

NED University of Engineering and Technology — Karachi, Pakistan
B.E. Computer Information Systems Engineering (Aug 2020 – Aug 2024)

Aga Khan School, Garden — Karachi, Pakistan

SKILLS

- **Frontend Development:** Angular, TypeScript, JavaScript
- **Backend Development:** Node.JS, Express.JS, NestJS, Firebase, Django REST Framework, JavaScript, Python, Java
- **Database Management:** Microsoft SQL Server, MySQL, MongoDB, Stored Procedures
- **Cloud Technologies:** AWS
- **Tools:** Git, Jira, DBeaver

PROJECTS

GetListings – *Real Estate Lead Generation Platform*

- Worked on a real estate lead generation platform for agents using Angular, NestJS, and MongoDB. Users subscribed to specific suburbs, and the system generated various lead types—such as garage sales, FSBO listings, construction approvals, listed and recently sold properties—through web scraping and backend automations. Implemented a feature to track competitors' Facebook ads and notify subscribed users daily. Included a comprehensive admin panel for managing users and subscriptions.

AI-Powered E-Learning & Performance Management Platform

- This e-learning platform is designed to streamline corporate training by offering course creation, assignments, and performance-based learning. It includes interactive challenges, assessments, quizzes, and coaching to enhance engagement. The system features three roles: Admin, Manager, and Sales Representative. Managers oversee their sales reps, create training modules, and assign courses based on performance. A High Performer Plan is implemented to support weaker sales reps by leveraging top performers' expertise. This structured approach ensures continuous learning, skill development, and improved sales performance through targeted coaching and assessments.

AI-Powered E-Learning Chatbot with RAG

- Developed a secure chatbot for e-learning platforms using Retrieval-Augmented Generation (RAG) that answers student queries exclusively from course materials, ensuring data privacy with local LLM processing and no third-party data sharing.

Boards Reviews – *Angular & Firebase Project*

- Built a question bank-based web application using Angular and Firebase. The system allowed admins to manage users, exams, subjects, and questions (mapped by exam and subject). Admins could assign exams to users, who could then attempt tests in two modes: tutor mode and timed mode. The platform tracked and displayed detailed analytics and performance statistics for each user, enabling effective progress monitoring and review.

Personal Assistant Application

- Created a personal assistant application, integrating it with Google APIs and ChatGPT to provide intelligent responses and enhanced user experience.

Key Technologies Used for Projects: Angular, Node.JS, NestJS, Express.JS, Stored Procedures, Firebase, Django REST Framework, SQL server, MySQL, SQLite, MongoDB, TypeScript, JavaScript, Python.