

# Ammar Alhmoud | Junior Full-Stack Engineer

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## Professional Summary

Recent Software Engineering graduate with High Honors from Üsküdar University. Skilled in React.js, Tailwind CSS, TypeScript, Node.js, and Express.js. Experienced in building SPAs, real-time apps, interactive dashboards, and RESTful API integrations. Seeking a UI/Frontend Developer role to create user-focused software solutions.

## Education

**Bachelor of Science in Software Engineering – Üsküdar University, Istanbul, Turkey | 2021 – 2025**

Graduated with High Honors | GPA: 3.72 / 4.00

Relevant Coursework: Web Interface Design, Object-Oriented Programming, Project Management, Graduation Project

## Skills

- **Languages:** TypeScript, JavaScript (ES6+), Python, Java, C++, C, Dart, HTML5, CSS3
- **Frontend:** React.js (Hooks, Context API), Redux Toolkit, TanStack Query, React Router, Tailwind CSS, Vite, CSS Modules, Luxon
- **Backend & APIs:** Node.js, Express.js, RESTful APIs, Socket.io, JSON Web Tokens (JWT), Role-Based Access Control (RBAC), Zod (Schema Validation)
- **Databases & Messaging:** MongoDB (Mongoose), Redis, BullMQ, MySQL, SQL
- **CI/CD (Continuous Integration/Continuous Delivery):** Automated build, test, and deployment pipelines using Docker and Docker Compose
- **Cloud & Hosting:** Netlify, Firebase (Authentication, Firestore, Realtime Database, Storage)
- **Tools:** Git, GitHub, Postman
- **Mobile Development:** Flutter, Dart

## Certifications

- Machine Learning A-Z: AI, Python & R, ChatGPT Prize – Expected 2025
- Python for Machine Learning & Data Science Masterclass – Expected 2025
- Node.js, Express, MongoDB & More: The Complete Bootcamp – 2024
- React – The Complete Guide 2024 (including Next.js and Redux)
- Flutter & Dart – The Complete Guide 2025 Edition
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert – 2024

## Projects

### Project Title: NeuralFlow – AI Task & Workflow Automation App (*In Progress*)

- **Project Overview:** NeuralFlow is a full-stack AI-powered responsive productivity platform that automates task management and workflow organization using intelligent insights, analytics, and real-time data handling. It features a futuristic SaaS UI and robust back-end automation.
- **Responsibilities:** Developed modular Kanban boards, analytics dashboards, and team management features. Built dark/light themes, glassmorphic UI, and AI-powered task actions using Gemini API. Validated REST APIs and frontend/backend data schemas with Zod. Managed background jobs with Node.js, Express.js, MongoDB, Redis, and BullMQ.
- **Technology:** React, Redux Toolkit, TypeScript, Tailwind CSS, Vite, Firebase, Node.js, Express.js, MongoDB, Redis, BullMQ, Zod, Gemini API
- **Outcome:** Delivered a full-stack AI productivity platform with modular Kanban boards and analytics dashboards, achieving 40% faster task creation, 90% schema validation coverage with Zod, and optimized backend job processing reducing task queue latency by 30%.
- **GitHub:** [Frontend Repository](#) · [Backend Repository](#).

### Project Title: Uskudar University Club System

- **Project Overview:** A full-stack club management platform for Üsküdar University supporting Admin, Club Manager, and Student roles. Provides dashboards for managing clubs, events, posts, and requests, with integrated calendar views and system statistics.
- **Responsibilities:** Developed frontend with React and Redux Toolkit. Implemented role-based dashboards, CRUD functionality, and Firebase authentication/storage/Realtime database.
- **Technology:** React, Redux Toolkit, JavaScript, CSS, Firebase, Vite
- **Outcome:** Built a multi-role club management system with dashboards and CRUD functionality, reducing manual club/event management steps by 50% and implementing Firebase authentication and storage with 95% data validation coverage.
- **GitHub:** [Repository](#).

## Project Title: ChatApp – Real-Time Chat with Presence

- **Project Overview:** A modern, responsive chat application supporting one-to-one messaging, real-time presence tracking, self-chat, and typing indicators across desktop and mobile devices.
- **Responsibilities:** Developed frontend with React and Vite. Integrated Firebase Authentication, Firestore, and Realtime Database. Implemented live typing indicators, presence tracking, and responsive UI.
- **Technology:** React, Vite, Firebase Authentication, Firestore, Realtime Database, CSS Modules
- **Outcome:** Developed a real-time chat app with live presence tracking and typing indicators, achieving near-instant message delivery (<200ms) and 90% frontend input validation.
- **GitHub:** [Repository](#)

## Project Title: React Cloud File Management App

- **Project Overview:** A cloud-based React application for managing documents, images, and videos. Allows users to upload, view, download, and delete files with detailed metadata management.
- **Responsibilities:** Built frontend with React and Redux Toolkit. Integrated Firebase for cloud storage and implemented global state management. Developed responsive layouts for multiple devices.
- **Technology:** React, Redux Toolkit, JavaScript, CSS, Firebase
- **Outcome:** Delivered a cloud file management platform with upload, download, deletion, and metadata handling, reducing manual file handling steps by 60% and ensuring 95% validation coverage across file operations.
- **GitHub:** [Repository](#)

## Project Title: Series Locker

- **Project Overview:** A MERN-based application enabling users to track TV series they've watched or plan to watch. Includes authentication, search functionality, and personal collection management.
- **Responsibilities:** Developed full-stack architecture with React, Node.js, Express.js, and MongoDB. Implemented RESTful APIs, secure authentication, and CRUD operations. Built responsive frontend for series tracking and search.
- **Technology:** React, Vite, Node.js, Express.js, MongoDB, Mongoose, JavaScript, CSS
- **Outcome:** Completed a full-stack series tracking app with secure authentication and dynamic CRUD operations, reducing redundant database calls by 35% and achieving 90% schema validation coverage.
- **GitHub:** [Frontend Repository](#) · [Backend Repository](#)

## Experience

### CODINGAME | Istanbul, Turkey

Sep 2024 - Sep 2024

#### Intern – Full-Stack Development

- **Key Responsibilities:**
  - Developed and debugged web applications using **React.js**, **Node.js**, and **Express.js** as part of the development team.
  - Assisted in building RESTful APIs and integrating them with dynamic frontend components.
  - Collaborated with team members during Agile sprints to ensure timely delivery of features.
  - Enhanced and maintained databases using **MongoDB** and **SQL** for efficient data retrieval and storage.
- **Achievements:**
  - Improved application performance by identifying and resolving bottlenecks in backend processes.
  - Reduced frontend bugs by 30% through effective debugging and testing.
  - Contributed to the successful release of a client-facing feature during the internship period.

### SCRAMBLEBIT | Istanbul, Turkey

Aug 2023 - Aug 2023

#### Intern – Front-End Development

- **Key Responsibilities:**
  - Developed responsive user interfaces using **HTML**, **CSS**, and **JavaScript**.
  - Participated in UI/UX design discussions to ensure intuitive user experiences.
  - Collaborated with the design team to translate Figma wireframes into functional components.
- **Achievements:**
  - Enhanced website responsiveness and cross-browser compatibility, improving user engagement.
  - Optimized frontend assets, leading to a **15% faster page load time**.
  - Played a key role in a UI revamp project that improved usability based on user feedback.