Seifeldin Saleh

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EDUCATION

University of Debrecen Debrecen, Hungary

Bachelor of Computer Science *Sept. 2021 – Dec. 2025*

CAPSTONE PROJECT

KickCrew Web Application Feb. 2024 – Jan. 2025

- Developed **KickCrew**, a full-stack football ground booking app (**React.js**, **Spring Boot**, **MySQL**).
- Implemented **JWT** authentication and booking/wallet APIs; structured queries for real-time booking updates and transactions.
- Delivered a modular **React** UI with role-based dashboards for admins/customers, calendar availability, and booking management.
- Built admin CRUD (venues, slots, pricing) with pagination and validation; added wallet top-ups and refunds.
- Explored ML-based recommendations for personalized match suggestions and automated slot suggestions.

INTERNSHIP EXPERIENCE

Software Development Intern | Deloitte Jul. 2025 – Aug. 2025

- Developed an **Employee Portal** used daily by 500+ staff to access reservations, company news, events, and onboarding resources.
- Developed reusable **React.js** components with Context API and integrated REST endpoints.
- Implemented **Spring Boot + PostgreSQL** services for secure, reliable data management.
- Added automated **email notifications**: on new event creation and same-day **event reminder** emails using Spring scheduling and mail services.

Web Development Intern | ECG Qatar Jun. 2024 – Aug. 2024

- Delivered a **MERN** web app with modular architecture and REST APIs.
- Built **React.js** components and integrated **MongoDB** via **Express.js**.

TECHNICAL PROJECTS

AI-Powered Chatbot for One-Pagers | *Streamlit, FastAPI, PostgreSQL, RAG* Aug. 2025

- Engineered an intelligent **RAG chatbot** that matched project requirements to candidate profiles with explainable confidence scores, tested across 500+ one-pagers
- Implemented an ingestion pipeline for one-pagers: parsing, text chunking, embeddings, and a **FAISS** vector index for semantic retrieval, cutting manual preprocessing work by hours.
- Designed a scoring formula combining semantic similarity with role/skill weightings to produce an **explainable percentage match**.
- Developed an interactive **Streamlit** UI integrated with **FastAPI** services; added **text-to-speech** for accessibility.
- Persisted sessions and queries in **PostgreSQL**; improved retrieval latency via batching and caching.

Ethereum Transactions Crawler | *Node.js, Express.js, React.js, Web3.js, Etherscan API* Feb. 2025

- Fetched wallet and block data using **Web3.js** (RPC) and the **Etherscan** REST API.
- Exposed **Express.js** endpoints to query blocks/transactions and compute normalized **ETH** inflow/outflow.
- Built a **React** UI for wallet/block/date inputs with real-time results. Queried thousands of transactions per block

SKILLS

Languages & Databases: Java, Python, JavaScript, SQL, PostgreSQL, MongoDB
Frameworks & Tools: React.js, Spring Boot, Express.js, FastAPI, Node.js, Git, Docker, JWT, Swagger