

SALIH OTMAN

Software Developer

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Activities

Certifications & Bootcamps

- 100 Days of Code™: The Complete Python Pro Bootcamp
- Complete React Developer (with Redux, Hooks, GraphQL)
- Complete Web & Mobile Designer: UI/UX, Figma
- Database Mastery Bootcamp
- Advanced Problem-Solving and Algorithm Design (ZTM)
- Web Development Bootcamp

Hackathons

- SALAM Hackathon 2024
- SALAM Hackathon 2025

Internships

- Internship at Final International University

Technical Skills

Frontend

- React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
- React Native, Expo
- GSAP, Figma

Backend

- Node.js, Express
- Python, FastAPI, Flask
- REST APIs, Web Scraping

AI & Machine Learning

- Hugging Face Transformers
- OpenAI API
- TensorFlow, PyTorch
- NLP pipelines, model integration

Databases

- PostgreSQL, MySQL
- MongoDB, Firebase
- Database design & optimization

DevOps & Tools

- Docker, GitHub, Git
- Jenkins, CI/CD pipelines
- AWS, Google Cloud
- Postman

Mobile Development

- React Native, Swift
- Cross-platform deployment (iOS/Android)

System Programming

Projects

Final Academic Assistant (FA2) — Final International University

Role: Full-stack / AI Developer

Summary: AI-powered academic platform offering intelligent assistance, secure user management and admin control in a scalable production architecture.

Highlights:

- Intelligent academic assistant (NLP workflows via Langflow).
 - Secure multi-tenant user & admin management.
 - Production-ready deployment with Docker and PostgreSQL.
- Tech:** Next.js, FastAPI, Langflow, PostgreSQL, Docker, TypeScript, Python, GitHub
When: Created 3 months ago

Link: <https://final-academic-assistant.space>

VeriNews — News Verifier

Role: Backend & ML Integration

Summary: Browser-extension + backend that detects fake news, returns confidence scores and explanations.

Highlights:

- Hugging Face model integration and web scraping pipeline.
- Transparent scoring + explainability for user submissions (text/URL).
- Extension ↔ backend REST API.

Tech: Python, Flask, Docker, PostgreSQL, AWS, React (Vite), TypeScript, Figma

When: Created 4 months ago

Link: <https://verinews.space>

AI Recipe Recommender

Role: Full-stack / ML integration

Summary: Generates personalized recipes from user-provided ingredients using transformer models.

Highlights:

- Ingredient-to-recipe generation (title, ingredients, steps).
- Personalization via language models.

Tech: Next.js, Hugging Face models, Firebase, Figma

When: Created 6 months ago

Wiqaya — Health Assistant (SalamHack)

Role: Mobile Developer / Product

Summary: AI health assistant for tracking BP/sugar, virtual consults and nearby healthcare mapping.

Highlights:

- Health metrics tracking and teleconsult features.
- Map of nearby facilities.

Tech: Expo, React Native (TypeScript), Node.js, Figma

When: Created 8 months ago

Uboor — Travel App

Role: Full-stack Mobile Developer

Summary: Cross-platform travel planner supporting discovery, booking and itinerary management.

Highlights:

- Real-time data integration and native-like UX on iOS/Android.
- End-to-end booking & itinerary features.

Tech: Expo, React Native, Node.js, Firebase, Figma

When: Created 10 months ago