Afek David

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Work Experience

Tutor Dr-logy, Dec 2024 – Present

- Mentored students in algorithms, data structures, Python, and C.
- Guided students in developing strong problem-solving skills and a solid foundation in programming principles

Software Developer Ozzystory, September 2024 – April 2025

- Implemented end-to-end authentication with Firebase (tokens, role-based access, secure sessions)
- Integrated Paddle Billing (webhooks, proration, seat-based plans) and built an Admin Panel for subscription and seat management (add/remove seats, cancel/renew).
- Built interactive canvas tooling with Konva (layers, zoom/pan, hit-testing), improving editor performance and usability.
- Designed and consumed REST/FastAPI endpoints, adding server-side validation, error handling, and audit logging.
- Automated testing workflow using Python scripts, enabling repeatable validation of core features and reducing manual QA effort.

Education

- **Holon Institute of Technology (HIT) 2022 - 2025**
  Bachelor of Science in Computer Science
  GPA: 93, Dean's List

Technical Skills

- **Programming Languages:** Python, C, JavaScript, C++, C#, Java, TypeScript
- **Web & Back-End Technologies:** React, Node.js, Express.js, RESTful APIs, FastAPI, HTML, CSS
- **Databases:** PostgreSQL, MySQL, MongoDB, Firebase
- **Tools**: Git, Jira, Pandas, Docker, Cursor, GCP

Projects

One-time password service

- Developed a one-time password service with email verification, enhancing authentication security.
- Generated 6-digit OTPs using weather data from three random cities.
- Key Features: Dynamic OTP generation using weather data and email validation with SQL.
- Technologies: React, Node.js, Express.js, MySQL, Nodemailer.

Weather Dashboard

- Developed a weather app displaying weather information based on user location or city search.
- Key Features: Location-based data, city search, user interface,
- Technologies: RESTful API, SQL, Docker, FastAPI, React, JavaScript, CSS, Git.