LIR CHEN

Computer Science Graduate | Aspiring Software Developer

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SUMMARY

Computer Science graduate (GPA: 86) with hands-on development experience in React, React Native, Node.js, Python, and MongoDB. DevOps training (May–Sep 2025, 1000 hours) with AWS expertise. Former IDF officer with 6 years of leadership experience. Motivated to contribute and grow in software development roles.

PROJECTS

FitFlow – Full-Stack Fitness & Nutrition Tracker 🔗 GitHub

React • Node.js • Express.js • MongoDB • Docker • Jest

Developed comprehensive fitness platform with workout tracking, nutrition monitoring, progress photos, and AI coach. Built 8 interactive dashboards with data visualization. Deployed using Docker with Nginx. Wrote 100+ comprehensive tests.

FlavorWorld – Recipe Social Network (Mobile & Web)

🔗 GitHub Repository

React Native • React • Node.js • MongoDB • Socket.IO • Express.js

Built full-stack social network for recipe sharing with user authentication, follow system, groups, real-time chat, and notifications. Implemented microservices architecture with Socket.IO for real-time messaging and typing indicators. Designed responsive UI for mobile and web platforms.

Task Manager – Multi-Interface Python Application 🔗 GitHub

Python • Tkinter • CustomTkinter • JSON • Git

Created task management system with 3 implementations: CLI, traditional GUI, and modern GUI. Implemented CRUD operations, due date tracking, color-coded status indicators, statistics dashboard, and automated demo scenarios.

EXPERIENCE

Planning Officer – J6 & Cyber Defense Directorate, IDF
2023 - 2025
- Led workforce planning & reinforcement strategies.
- Managed SAP & Excel reports.
- Commanded 4-soldier team.

HR Officer – Soldiers & Civilian Staff, IDF
2021 - 2023
- Oversaw personnel & service path planning.
- Monitored financials & training programs.
- Led 3-soldier team.

HR Officer – Reserve Units, IDF
2020 - 2021
- Managed manpower for 4 reserve units.
- Supervised 4 soldiers, improving efficiency.

SKILLS

Technical Skills

Programming & Testing

Python, Java, JavaScript, TypeScript, React/React Native, Node.js, Bash, PowerShell, Jest, Playwright

Databases & Systems

MongoDB, MySQL, Linux (Red Hat, Ubuntu, CentOS), Windows, Git/GitHub, Active Directory, GPO, DNS

DevOps, Cloud & Infrastructure

AWS (EC2, ECR, S3, RDS, VPC, Secrets Manager, Security Groups, Load Balancers; familiar with ECS, Lambda), Kubernetes, Docker, Terraform, Pulumi

CI/CD & Monitoring

GitHub Actions, Jenkins, ArgoCD, Prometheus, Grafana

Soft Skills

Problem-Solving • Fast Learner
Collaboration • Working Under Pressure

EDUCATION

May–Sep 2025: DevOps Course - 1000 Hours

Nitzanim To Tech, Israel
Red Hat Training: System Administration I, System Administration II, Enterprise Linux Automation with Ansible, OpenShift Administration I

2022–2025: B.Sc. in Computer Science

Holon Institute of Technology (HIT), Israel
GPA: 86

2024: Information Security Course

DV PLAN, Israel

Supplementary Training During Military Service: Python Programming, Information Security & Cyber, Data Communications, Java, SQL

2016–2018: High School Diploma

Emphasis on Physics and Chemistry
5-unit Mathematics | 5-unit English

MILITARY SERVICE

2023 - 2025: Planning Officer (Captain) – IDF
2020 - 2023: HR Officer – IDF
2018 - 2020: Committees Soldier – IDF

LANGUAGES

Hebrew (Native)
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English (Advanced)
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