

# LIR CHEN

Computer Science Graduate | DevOps Trained | Aspiring Software Development Professional

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## SUMMARY

Computer Science graduate with hands-on development experience in React, React Native, Node.js, Python, and MongoDB. Former IDF officer with six years of leadership experience. Motivated to contribute and grow in software development roles.

## EXPERIENCE

- Planning Officer – J6 & Cyber Defense Directorate, IDF**  
2023 - 2025
- Led manpower planning and reinforcement strategies.
  - Managed reports with SAP & Excel.
  - Commanded a 4-soldier team.
- HR Officer – Soldiers & Civilian Staff, IDF**  
2021 - 2023
- Oversaw personnel and service path planning.
  - Monitored financials and training programs.
  - Led a 3-soldier team.
- HR Officer – Reserve Units, IDF**  
2020 - 2021
- Managed manpower for 4 reserve units.
  - Supervised 4 soldiers, improving efficiency.

## PROJECTS

### FitFlow – Full-Stack Fitness & Nutrition Tracker

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)

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

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.

## SKILLS

### Technical Skills

#### Programming & Testing

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

#### 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

#### Databases & Systems

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

### Soft Skills

- |                 |                        |
|-----------------|------------------------|
| Problem-Solving | Communication          |
| Collaboration   | Attention to Details   |
| Fast Learner    | Working Under Pressure |

## EDUCATION

### 2025: DevOps Course - 1000 Hours

Nitzanim To Tech, Israel

Red Hat: OpenShift Administration I, Enterprise Linux Automation with Ansible, System Administration II & I

### 2022–2025: B.Sc. in Computer Science

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

### 2024: Information Security Course

DV PLAN, Israel

### 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: Non-Commissioned Officer – IDF

## LANGUAGES

Hebrew (Native)	English (Advanced)
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