

Sharon Shimon

Mobile 054-2692920 | E-mail psnsharon@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

SUMMARY

Computer Science student with backend development and cloud experience. Passionate about building scalable APIs, optimizing performance, and automating workflows. Seeking a Junior Backend Developer role to apply and expand technical expertise.

EDUCATION

B.Sc. Computer Science - Holon Institute of Technology (HIT) | Expected: 2026

SKILLS

Programming: Python (Django, Fast API), JavaScript (Node.js, Express.js), Java, HTML, CSS

Databases: MongoDB, MySQL, PostgreSQL, JSON

Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), Git

Testing: Postman, Unit Testing (pytest, JUnit, Jest), Selenium, API Testing

System Design: Microservices, Scalable Databases, Performance Optimization

PROJECTS

MaintControl System (React, Node.js, MongoDB) - [GitHub Repo](#)

- Optimized performance by building a full-stack app with REST APIs and MongoDB, applying best database practices.
- Improved security by adding JWT authentication and testing with Postman for reliable access control .

Serverless Fast API App with CI/CD Pipeline – [GitHub Repo](#)

- Improved deployment efficiency by automating CI/CD pipelines using GitHub Actions and AWS Lambda.
- Ensured high code reliability with pytest unit tests by integrating automated testing.

NBA-MVP Prediction (Python, ML)-[GitHub Repo](#)

- Built automated data pipeline processing NBA statistics using **Python**.
- Accomplished an 85% accuracy rate by leveraging feature engineering and data preprocessing to improve predictions.

WORK EXPERIENCE

GII - Laboratory Technician (2021 – 2022)

- Troubleshoot 150+ sensors using systematic checks, improving data quality by 20%.
- Calibrated GPS equipment achieving 95% accuracy in data collection.

Orbotech - Computer Hardware Technician (2020 - 2021)

- Troubleshoot and manufactured hardware systems in Linux environment
- Collaborated with engineering teams, supporting 50+ colleagues to reduce system downtime by 40%

VOLUNTEERING

ISEF - Israel Scholarship Education Foundation, Scholarship Holder 2023 – Present

- Awarded Certificate of Excellence (2023) for contributions to educational equity.
- Mentored students, promoting equal access to education.

MILITARY SERVICE

Advanced technology systems technician (2016 - 2019)

- Led a team of 5 technicians, ensuring 100% system uptime through hands-on troubleshooting.

LANGUAGES

- Hebrew - Native Proficiency.
- English – Fluent (written and verbal).