Bar Israel

054-5525-482 | baranvz@gmail.com | LinkedIn | GitHub | Haifa (Willing and eager to relocate)

EDUCATION

ORT Braude College of Engineering — Karmiel

Bachelor of Science (B.Sc), Software Engineering — *2018-2022*

- Graduated in late 2022, entered workforce on September 2023.

PROJECTS

PCPartdb REST API | *ASP.NET Core, C#, SQLite, Entity Framework, Git, Postman* — 2023 - Present

- Designed and developed a RESTful API to perform CRUD operations on a large PC parts SQL database.
- Adhered to industry best practices using Clean Architecture and design patterns.
- Implemented clear API documentation using SwaggerUI and adhering to OpenAPI specification.

AutoCV | *Python, Bash, Selenium, Docker, Git* — 2023 - Present

- Developed a web automation tool to streamline the repetitive task of updating CV files on job boards.
- Validated compatibility with multiple sites and browsers.
- Implemented dynamic element handling using relative XPATHs to ensure resilience to changes.
- Containerized using Docker to ensure portability to any system and easy set-up.

VR Classroom - Capstone Project | *C#, Unity Engine, Git, Android Studio* — 2022

- Designed and developed a class simulation VR project from inception to implementation.
- Utilized Unity's C# scripting API to implement complex behavior and interactivity using OOP principles.
- Closely collaborated with teammate to overcome unexpected design and implementation challenges.
- Created comprehensive documentation including technical details and design decisions.

EXPERIENCE

Tutor — 2018 – 2020

Perach Tutorial Project — *Haifa*

- Mentored and helped pupils overcome challenges of all kinds.

Technical Support and International Specialist — 2015 – 2017

Partner Communications Ltd. — *Haifa*

- Demonstrated expertise in troubleshooting network and hardware issues, achieving high resolution rates.
- Collaborated with a team to achieve and exceed team objectives in a high-pressure environment.

Communications Equipment Specialist — 2011 – 2014

Israel Defence Forces, Teleprocessing Corps — *Northern Israel*

- Managed and maintained sensitive equipment, implementing quality control to ensure required standards.
- Collaborated with different teams and units to achieve common goals.
- Earned an honorary certificate from regiment commander for serving with distinction.

TECHNICAL SKILLS

Programming Languages: C#, Python, C/C++, Java, SQL
Frameworks & Tools: .NET, Selenium, Docker, MySQL, Git, VS Code, Visual Studio
Knowledge: Data Structures & Algorithms, Relational Databases, Object-Oriented Programming, Networking, Automation, Design Patterns, REST APIs

SOFT SKILLS

Languages: Native English & Hebrew speaker.
Problem solving: Analytical and critical thinking skills.
Teamwork: Natural team-player with experience collaborating with others.
Autodidacticism: An independent self-learner able to pick up knowledge quickly and without guidance.
Highly motivated: Passionate about all things tech!
Service oriented: Experienced in providing excellent client service and maintaining client satisfaction.
Communication: Ability to clearly communicate problems, gather requirements, and transfer knowledge.
Flexible: Available for relocation and traveling.