**Nadav Vilder**

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[**github.com/nadavilder**](https://github.com/nadavilder) **∙** [**linkedin.com/in/**](https://www.linkedin.com/in/nadavilder/)**nadavilder**

**Authorized To Work (Green Card)**

**Dedicated Software Engineer with 3+ years of experience developing web applications** using modern languages and frameworks. **Led the development of the Siemens Application Lifecycle Management app**, supporting Agile and diverse team collaboration. Enthusiastic about making a difference and contributing to growth in a dynamic, multicultural environment.

**TECHNICAL SKILLS**

* Languages: **TypeScript**, **JavaScript, Python, C# (Object Oriented Programming), Java, C++**
* Web Frameworks: **Next.js, React.js, Node.js,** j**Query, HTML, CSS**
* Databases and data-centric technologies: **AWS (S3), SQL, PostgreSQL, MongoDB, Apache Lucene**
* Tools and Methods: **Agile, Git, GitLab,** **Docker**, **CI/CD**

**WORK EXPERIENCE**

*Software Engineer, Polarion team,* ***Siemens Digital Industries Software****, Israel 2021 –2023*

Polarion for internal teams is a unified application lifecycle management solution where you can define, build, test, and manage complex software systems. This tool serves 2,000+ developers, UX designers, QA, and PMs, increases velocity, accelerates deployments, and gives richer analytics on the entire software lifecycle

* **Application Development Leadership:** Led the design and implementation of a user-friendly interactive feature facilitating sprint planning for development teams, resulting in accelerated, well-organized, and highly accurate planning processes.  
  This initiative contributed to a 50% improvement in accuracy and a 30% increase in development speed
* **Strategic Feature Engineering:** Developed and designed a user-stories prioritization feature utilizing the Weighted Shortest Job First method, with an innovative and intuitive UX that enhanced the company's ability to deliver optimal economic results
* **Cross-Org Collaboration:** Spearheaded the Siemens Startups forum, facilitating collaboration and innovative idea exchange, showcasing effective team collaboration and communication skills

*Software Engineer,* ***Google for Startups****, Israel 2022*

* **Empowerment App Design:** Created a prototype for a support app for women in domestic violence relationships, managing UX design and API integration with hotels, achieving a top-3 position among over 2,000 proposals

*Intern Software Engineer,* ***milab - Media Innovation Lab****, Israel 2021*

* **Efficient Sensors Programming:** Utilized advanced **C++** techniques to optimize sensors and Arduino programming, improving real-time feedback in the prototype for a better user experience, highlighting fast-learning abilities

*Master Sergeant,* ***Israel Navy Submarines****, Israel 2013 – 2018*

* **Team Leadership & Collaboration:**  Commanded a skilled team of 12 soldiers, leading high-pressure missions with excellence. Enhanced mission outcomes through strategic partnerships with Unit 8200 and other intelligence units, applying advanced technological solutions in submarine operations
* **Problem Solving:** Managed cutting-edge technologies, including advanced sensors and computer systems. Demonstrated ability to resolve technical issues, optimizing system performance for critical missions

**CERTIFICATIONS**

**Complete Web Development Bootcamp – Udemy:** Became a Full-Stack Web Developer

**Python - The Practical Guide – Udemy:** Built my own Blockchain and Cryptocurrency

**SAFe for Teams Course (5.1) – SCALED AGILE:** Learned the skills to be a high-performing member of an Agile Release Train

**EDUCATION**

*Bachelor of Science (BS) in Computer Science,* ***Reichman University****, Herzliya, Israel* *2019 – 2022*

* Completed a hands-on web app development course, building an end-to-end E-commerce web app with Node.js and React.js
* Certification studies in data science with **Scikit-Learn, NumPy, Pandas, Matplotlib, Seaborn**
* Dev club: IMDb Web app, Kaggle competitions

**VOLUNTEERING**

**Holocaust Survivors Fund:** Supervised the food distribution operations for Holocaust survivors, demonstrating empathy and calm

**Door2Dor:** Managed the supply chain of medical resources during COVID-19 for the elderly