

Nadav Vilder

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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, jQuery, 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

Door2Door: Managed the supply chain of medical resources during COVID-19 for the elderly