

# Itamar Tati

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## PROFESSIONAL SUMMARY

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As a customer-focused software engineer, I create user-friendly software that boosts customer acquisition and meets user expectations. I also enjoy developing high-performance software solutions, which optimize processes and deliver substantial performance improvements, enabling faster business processes and operations, resulting in happier customers. I excel in various programming languages and am skilled in problem-solving and unit testing. My achievements include enhancing response times, optimizing legacy code, resolving bugs, and increasing test coverage. Notably, I designed and developed features that boosted user engagement by 50% and customer acquisition by 20%. I value user feedback and prioritize improving user functionality. I have proficiency in using a variety of software tools, frameworks, and programming languages such as HTML, CSS, JavaScript, TypeScript, Java, React, Angular, Spring Boot, NodeJS, MySQL, NoSQL, RxJS, Redux, NgRx and AWS Services.

## PROFESSIONAL EXPERIENCE

### Fundment

#### Software Engineer

Jul 2023 - Present

- Drawing upon my expertise in Angular best practices and harnessing the power of Chrome DevTools, I spearheaded an initiative dedicated to enhancing our application's performance and stability. This strategic endeavor yielded impressive results, delivering a staggering 50% increase in operational speed and a significant uptick in customer satisfaction.

### Panaseer

#### Software Engineer

Apr 2021 - Jul 2023

- Using a combination of Angular, HTML, CSS, JavaScript, TypeScript, RxJS, Redux, NgRx, Angular Material, and several other libraries, I developed a setup wizard that communicates with a microservice powered by Spring Boot and NiFi to configure connectors. This wizard helped our team increase user engagement by 50% and reduced the workload of our customer support team. Eventually, this feature replaced the standard method of setting up connectors.
- With Java, Spring Boot, Angular, RxJS, Redux, NgRx, and AWS services, including Amazon EC2 instances, I created a side drawer that allows users to select different versions of a connector in NiFi. As a result, our sales team was able to advertise this feature, leading to a 20% increase in customer acquisition.
- Working with Java, Spring Boot, NiFi, and AWS services, I resolved a persistent application crash bug that saved Panaseer significant amounts of money. This bug had been deemed unsolvable and was being worked on for a month. Due to the absence of resources like stackoverflow questions and documentation, Panaseer was considering hiring an NiFi expert, but my resolution of the bug saved the company hundreds of thousands of dollars and retained clients.
- Using Jest, JavaScript, TypeScript, Angular, Java, J-Unit, and Spring Boot, I was instrumental in achieving 100% test coverage through the creation of unit, integration, and end-to-end tests.
- Using HTML, CSS, JavaScript, TypeScript, Angular, and Angular Material, I created several design systems, including buttons, that could be utilized by other developers to style our web application. Additionally, I wrote comprehensive documentation on how to utilize my design systems, freeing up other engineers to concentrate on other critical tasks.

- Conducted thorough customer research by carefully planning and conducting interviews with customers, and presented my findings to the team. By doing this, we were able to gain valuable insights into our customers' needs and preferences, which helped us develop better products that aligned with their expectations. As a result, we saved significant time and resources that would have otherwise been spent on creating products that didn't meet our customers' needs.
- I've leveraged the power of NgRx and Redux to manage complex state requirements in large-scale applications. I led the development of a real-time dashboard for a financial services client, using NgRx to handle real-time updates and ensure scalability and performance when displaying large amounts of data. With expertise in the Observer/Observable pattern and RxJS, I create reactive and efficient Angular applications.
- Lastly, I created and updated documentation to make it easier for new developers to onboard, set up their development environment, and use software tools.

## AREAS OF EXPERTISE

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|---|---|
| □ Customer-focused software development   | Node, MySQL, NoSQL, RxJS, Redux, NgRx and AWS Services.   |
| □ Creating gratifying software based on psychological research and personal experience  | □ Effective problem-solving skills with a creative mindset  |
| □ Addressing commercial issues pertaining to software development   | □ Designing and developing web applications that increase customer acquisition and enhance user engagement. |
| □ Expertise with programming languages and frameworks including HTML, JavaScript, TypeScript, CSS, Java, React, Angular, Spring Boot, |   |

## PROJECTS

- AI News Reader App: In response to a friend's predicament of being unable to use his laptop keyboard during lockdown, I developed an innovative solution in the form of an AI-powered news reader web application. By simply pressing a button, users can verbally ask the AI for the latest news without needing to type on their keyboard. This app was built using cutting-edge technologies such as React, TypeScript, and Alan AI, offering a seamless and convenient experience to users.
- Covid19 Tracker: As an educator, I recognized the importance of raising awareness among my students about the severity of the Covid-19 pandemic. To address their lack of interest in watching news reports, I designed and created a highly informative website that educates users about the dangers of the virus using engaging visualizations and data. This web app was built using popular technologies such as React, Chart.js, Material UI, and CountUp.js, making it both informative and visually appealing.
- Anime Picker: Anime Picker is a feature-rich web application that empowers users to browse, search, and filter through a vast collection of anime shows. Built using a range of technologies, including Node.js, Express, MongoDB, and React, this app offers a user-friendly interface and seamless navigation, providing a convenient and enjoyable anime-watching experience to users.
- Angular E-Commerce: With the growing demand for online shopping, I created a fully-functional e-commerce web app using Angular that allows users to add items to their cart, checkout, and complete payments online using Stripe and Auth0. This app was built using a range of technologies, including Node.js, Express, and Angular, making it secure, efficient, and user-friendly.
- Passwordless Password Manager: In response to the increasing trend of companies moving away from traditional password-based authentication, I embarked on creating a unique passwordless password manager. However, the idea has since been adopted by 1password, forcing me to rethink my unique selling point. Nonetheless, I continue to work on this project, exploring new and innovative ways to provide secure and convenient passwordless authentication to users. I am using Angular, Spring Boot, MongoDB and AWS Lambda

## SKILLS HIGHLIGHTS

- ✓ Proficiency in using a variety of software tools, frameworks, and programming languages such as HTML, JavaScript, TypeScript, CSS, Java, React, Angular, Spring Boot, Node, MySQL, NoSQL, RxJS, Redux, NgRx and AWS Services.
- ✓ Skill in reading and writing code, including the ability to assess pre- and post-conditions to ensure accurate outputs.

- ✓ Experience in designing unit tests to evaluate software programs, backend services, and user interfaces' effectiveness.
- ✓ Strong problem-solving skills with a creative approach to overcoming glitches and developing long-term solutions.
- ✓ Excellent communication skills, with a keen focus on user feedback to identify areas for improvement and modifications that enhance user functionality.

## **PUBLICATIONS**

I create tutorials and educational videos on software development for my YouTube channel. Check it out here: [https://www.youtube.com/channel/UCI64WiuH9WLWQI\\_a-uaZrIQ](https://www.youtube.com/channel/UCI64WiuH9WLWQI_a-uaZrIQ)

## **OPEN SOURCE**

I've contributed to open source projects like ZenGM, improving my skills and giving back to the community.

## **REFERENCES**

Available On Request