

Joseph Nguyen - Software Engineer	
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Work Experience	
<b>Proofpoint</b> Software Engineer II November 2024 – Present Sunnyvale, CA <ul style="list-style-type: none"> <li>• Spearheaded the optimization of a high-throughput Apache Flink application, reducing unnecessary gRPC calls and improving data processing efficiency by 30%.</li> <li>• Engineered robust RESTful endpoints using AWS API Gateway and implemented secure access control with a custom Lambda Authorizer.</li> <li>• Enhanced API response times by integrating Redis caching, resulting in a 40% decrease in latency for critical endpoints.</li> <li>• Architected scalable systems leveraging Spring Boot APIs, gRPC, Protobufs, Streams, AWS cloud services, Terraform for infrastructure as code, and OpenSearch for real-time analytics</li> <li>• Implemented the adoption of Event Driven Architecture, enabling seamless integration across distributed microservices.</li> </ul>	
<b>Proofpoint</b> QA Automation Engineer II February 2022 – Present Sunnyvale, CA <ul style="list-style-type: none"> <li>• Designed, implemented, and maintained automated tests, reducing bug occurrences by 30% and catching 95% of critical issues early.</li> <li>• Added 10+ features to internal tool, boosting productivity for QA Engineers by 25%.</li> <li>• Utilized tools such as Allure Report, Jenkins, and Selenium to investigate and resolve issues, ensuring smooth development cycles and timely releases.</li> <li>• Stress tested the system using Python and Bash scripts, improving system performance by 20%.</li> <li>• Automated tests to support CI/CD, catching issues within 5 minutes of deployment and reducing release time by 50%.</li> <li>• Facilitated effective communication with 15+ team members, ensuring a smooth workflow and meeting project deadlines consistently.</li> </ul>	
<b>Epic Systems</b> Full Stack Software Developer August 2020 – July 2021 Madison, WI <ul style="list-style-type: none"> <li>• Fixed 50+ high-priority bug tickets, enhancing user experience and reducing user-reported issues by 40%.</li> <li>• Restructured backend database queries which improved loading speeds for the application's interface from an average of 5 seconds to under 2 seconds; directly increasing user satisfaction ratings based on feedback surveys.</li> <li>• Led a project to migrate a key feature from VB to JavaScript, resulting in a 30% increase in customer engagement.</li> <li>• Polished validation logic, improving overall system security and reducing security incidents by 60%.</li> </ul>	
<b>Nidaan Systems Inc.</b> Full Stack Software Developer June 2019 – August 2019 San Jose, CA <ul style="list-style-type: none"> <li>• Contributed to a full-stack application development project in an Agile environment, delivering 10+ features on time.</li> <li>• Utilized React and Node.js to build and implement website features, increasing user engagement by 20%.</li> <li>• Improved website performance by refactoring existing code, resulting in a 25% faster load time.</li> </ul>	
Skills and Technologies	
<b>Technical Skills</b> <ul style="list-style-type: none"> <li>• Languages: Java, Typescript, JavaScript, Python, HTML, CSS</li> <li>• Engineering: Frontend, Backend development, Automation.</li> <li>• Tools and libraries: Node, React, Selenium, and TestNG</li> <li>• Databases: MySQL, PostgreSQL, Caché, SQLite</li> <li>• Software: Eclipse, Visual Studio, Docker, and Github, Postman</li> <li>• Project Management: Jira.</li> </ul>	
<b>Soft Skills</b> <ul style="list-style-type: none"> <li>• Ability to effectively communicate technical concepts to team members and stakeholders</li> <li>• Able to work collaboratively with team members to achieve project goals</li> <li>• Can adapt quickly to new technologies and learn new skills as needed</li> <li>• Ability to analyze and solve problems in a logical and efficient manner</li> <li>• Can proactively identify and address potential issues or roadblocks in project development</li> <li>• Continuously seeks opportunities for self-improvement and growth.</li> </ul>	
Education	
<b>San Jose State University</b> August 2016 – May 2020 <ul style="list-style-type: none"> <li>• Bachelor's Degree, Computer Science</li> <li>• Dean's Scholar and President's Scholar</li> </ul>	Major GPA: 3.9