

Jeremy Gavrilo

jeremygavrilo.com gavrjere@jeremygavrilo.com (718) 844-8266

EDUCATION

Syracuse University, College of Engineering and Computer Science: Syracuse, NY
Major: Computer Science (B.S)

May 2021

TECHNICAL SKILLS

Strong: Java, AWS, JavaScript, TypeScript, Data Structures, DevOps, Automated Testing
Experienced: Python, SwiftUI, Firebase, Next.js, React, Haskell, SQL, R, C/C++, Ubuntu, Unix/Linux, OpenGL, HTML5/CSS3, MIPS Assembly

EXPERIENCE

Software Development Engineer I, Amazon.com LLC

July 2021 - March 2023

Designed and implemented new features for Amazon's central marketplace and filtering service for personalized recommendations on retail pages, utilizing AWS services such as S3, Lambda, IAM, Gateway, Cloudwatch, and EC2 for secure, scalable, and robust solutions.

Handle operations on-call duties (DevOps) to improve service maintainability and provide 99.9% availability during regular rotations and peak events.

Collaborate with internal teams to build integration testing frameworks and a command-line interface (CLI) to improve the developer experience.

Conduct code reviews and write automated JUnit and integration tests to maintain code quality and ensure software reliability.

PROGRAMMING PROJECTS - [GITHUB.COM/JGAVRILO](https://github.com/JGAVRILO)

InfoBytes

February 2020 - Present

Collaborated to design and develop an award-winning iOS app using SwiftUI and MVC architecture that assists users in verifying the compatibility of packaged food items with their dietary restrictions in real-time.

Utilized Google's Firebase and MLKit to architect a robust backend, enabling secure account management, personalized profile customization, and real-time barcode detection for an enhanced user experience.

Integrated the Edamam Food Database API to automatically fetch details via UPC scanning, enabling quick and accurate results.

Recognized with the "Best Inclusive Hack" award at the CuseHacks Hackathon.

GetItTogether

September 2023 - October 2023

Developed a Chrome extension using HTML, CSS, and JavaScript to enhance user productivity with a suite of tools, including a timer and to-do list.

Integrated Google APIs for user authentication, enabling seamless connection of Google accounts.

Enhanced user experience by integrating Google Tasks API for real-time task management.

Currently available for download on the Chrome Web Store, enhancing the productivity of a growing user base.

Amazon Web Scraper

July 2020 - August 2020

Developed a Python-based web scraper to search products on Amazon, using Selenium for automation.

The script creates a JSON file to display and sort product information, with the best valued item displayed first.

Optimized the program by implementing Chromedriver to continuously scrape the given web page, using the highly efficient w3c standard protocol.

SKILLS / INTERESTS

Languages: Fluency in Russian

"Guiding myself down the endless path of baking the best Brownie at 3am"

"Achieving the supreme combination of exercise and relaxation while longboarding short distances to meet friends"

"The sheer adrenaline rush I receive when I save a goal for my team in soccer"