Jeremy Gavrilov

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EDUCATION

Syracuse University, College of Engineering and Computer Science   **May 2021**
Syracuse, NY
Major: Computer Science (B.S)

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, Swift, Haskell, HTML5, CSS3
Frameworks: SwiftUI, Next.js
Database & Backend: Firebase, SQL, REST APIs, Automated Testing
Tools & Technologies: Git, Selenium, Unix/Linux, AWS (S3, Lambda, IAM, Gateway, Cloudwatch, EC2)
Miscellaneous: Agile methodologies, Scrum, Web Scraping, Project Management, DevOps

EXPERIENCE

Software Engineering Manager & Developer, Contractor   **June 2024 - Present**
Seattle, WA
- Oversee and integrate software systems for local businesses, including store applications, point-of-sale systems, and notification-based marketing platforms.
- Collaborate with third-party vendors to optimize social network integrations and streamline operational workflows.
- Engineer robust API solutions that automate manual processes, improve customer communication, and enhance inventory management efficiency.
- Designed and launched innovative iOS applications that engaged and expanded a customer base of over 20,000 users.
- Provide on-site technical support, swiftly diagnosing and resolving hardware and software issues to minimize downtime and ensure business continuity.
- Conduct detailed analyses of customer trends, inventory patterns, and revenue performance to drive strategic decision-making and optimize business processes.

Software Development Engineer I, Amazon.com LLC   **July 2021 - March 2023**
Seattle, WA
- Designed and implemented new features for Amazon's central marketplace and filtering service for personalized recommendations on retail pages, utilizing AWS services for secure, scalable, and robust solutions.
- Handled operations on-call duties (DevOps) to improve service maintainability and provide 99.9% availability during regular rotations and peak events.
- Collaborated with internal teams to build integration testing frameworks and a command-line interface (CLI) to improve developer experience.
- Conducted code reviews and write automated JUnit and integration tests to maintain code quality and ensure software reliability.

PROGRAMMING PROJECTS - GITHUB.COM/JGAVRILO

InfoBytes   **February 2020 - Present**
- Collaborated to design and develop award-winning iOS app using SwiftUI and MVC architecture that assists users in verifying 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 Edamam Food Database API to automatically fetch details via UPC scanning, enabling quick and accurate results.
- Recognized with "Best Inclusive Hack" award at CuseHacks Hackathon.