https://ca.linkedin.com/in/senagavelupillai   https://svelupillai.github.io/Resume/

SENAGA VELUPILLAI
Montreal,QC ▪ (514) 947-3244 ▪ senagav@gmail.com

SOFTWARE ENGINEER with 5+ years of expertise in Java, C#, web development and .NET. Experienced in building features, designing, and implementing API methods and enhancing the performance and stability of systems. Committed on delivering clean, scalable code for user-friendly designs. Proven track record of working cross functionally with multiple teams and domains to ensure that simplicity and reliability is considered in every system decision.

Areas of Expertise include:

- Micro-services
- Technical Designs
- OOP & Web development
- DSA
- Debugging
- Refactoring & Optimization

TECHNICAL SKILLS

Programming│Java • JavaScript • Bootstrap • Python • C# • Node • React • Redux • MySQL • Docker • Jenkins • Kubernetes• Kafka • GraphQL • MongoDB
Operating Systems │Windows • Linux • MacOS
Applications │ • Eclipse •Visual Studio • JIRA • Github • JetBrains IDEs

CAREER HISTORY

Senior Software Developer
AppDirect, Montreal, QC| January 2022 – Present

Experienced Software Developer pivotal in the development of Microsoft integration features, encompassing the entire development cycle, from requirement elicitation, architectural design, to coding and performing thorough end to end testing.

- Led the development life cycle for a minimum of 2 key revenue-generating features per quarter, from gathering requirements, engineering a solution and architectural approval to bring it to the development phase.
- Lead the on-going effort of investigating and resolving client facing issues by debugging the application, investigating using Datadog and analyzing database dumps.
- Actively participate and frequently assume leadership role in lead code review and technical design sessions, fostering an environment that ensures the features developed are well reviewed to achieve optimal outcomes.
- As the active Scrum Master, responsible for the sprints execution and maintaining project timelines.
- Championed the crucial mentorship of junior developers, nurturing their professional growth and fostering a collaborative team environment.
- Technology used: Java, Kafka, Kubernetes, JavaScript, Docker, React

Software Developer
AppDirect, Montreal, QC| January 2021 – January 2022

Key contributor in major features in the Microsoft integration of the platform. Participated in code reviews and resolved multiple issues that prevented production outages. Recognized as a top performing and efficient individual by the team.

- Responsible for developing features and solving issues for all aspects relating to Microsoft Integrations.
- Pioneered the strategic transition of key functionalities from the legacy monolith into microservices, resulting in the elimination of over 10,000 lines of code, leading to enhanced system efficiency and division of responsibility.
- Significantly reduced error rates in domain by 20% resulting in an immediate customer confidence of the platform.
- Lead the initiative to automize monthly annual procedure and reduced average time of execution time by 7.50x.

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Software Developer

Genetec, Montreal, QC | June 2019 – December 2020

Implemented new security features, was a key participator in resolving multiple client issues and discovering many missed edge cases. Worked closely across many teams to build and design new version of security software that is modern and provides better customer experience.

- Developed features and fixed bugs in the SDK and the core platform of Genetec's leading security solutions.
- Solved complex client defects by analyzing memory dumps, logs and network traces.
- Created new hybrid cloud/on premise product maintenance solution and was primary person to design and implement best practices for REST integration, along with frontend.
- Technology used: C# (.NET Core), Angular, Kubernetes, Docker, Helm, Ingress

INTERNSHIPS

AppHelp, Montreal, QC – **Full Stack Web Developer Intern**

- Developed core features to ticketing web app, using primarily C# and ReactJS.
- Responsible for transforming this application to a new stack, seeing the product from start to finish.
- Recognized as a main collaborator for sprint planning process of features.
- Technology used: React, Redux, C#

DRW, Montreal, QC – **Web Developer Intern**

- Developed an application using primarily: C#, ReactJS, .NET Core and Google Maps API that went on to be used by the company founder for trading purposes.
- Responsible for driving the project to completion, which allowed me to be a part of the full development cycle from requirements elicitation to deployment.
- Returning Intern from Summer 2016.
- Technology used: C# (.NET Core), React, Redux

PROJECTS

Document Generator, Montreal, QC – **Capstone Project for Genetec**

- Acted as Tech lead while developing features full stack.
- Extracted C# triple slash comments to display information on a webpage in the corresponding sections, i.e as classes, interfaces, etc.
- Technology Used**:** C#, ReactJS, Redux, MongoDB

Apollo Store, Montreal, QC – **Educational**

- Created an online electronics store where I was responsible for authenticating client and admin users, ensuring that CRUD operations work as expected and that UI is clean.
- Developed the database schemas, implemented the data mapper design pattern and developed important user features.
- Technology Used: Python, Flask, HTML, Bootstrap, MySQL

EDUCATION

Bachelor of Engineering in Software Engineering with Distinction – Concordia University

Member of the Institute for Co-operative Education, Honour Roll Student Vice-President of Internal-Finance & Director of Logistics at HackConcordia