

# PLAMEN VELKOV

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## TECHNICAL SKILLS

**Programming Languages:** C++, C, Java, JavaScript, Python, PHP, VBA, BASH, GML  
**Web Development:** React, NextJS, NodeJS, Express, NestJS, HTML, CSS, AJAX, JSON, Handlebars  
**Database Management:** SQL Oracle 12c, MongoDB, PostgreSQL, FireStore  
**Tools:** AWS, Git/GitHub, Docker, Maven, UML, SSH

## EDUCATION

**Bachelor of Technology, Software Engineering, McMaster University** 2021 – 2023

- Cumulative Program GPA 3.8

**Computer Programming and Analysis, Seneca College** 2019 – 2021

- Cumulative Program GPA 3.9 (President's List)

## EXPERIENCE

**Software Engineer, AviaPro Consulting** 2022 – present

- Led development of internal reporting applications, resulting in 6000% improvement of client delivered reports
- Implemented data pipelines to ingest and preprocess large datasets, ensuring accurate and timely analytics
- Collaborated with cross-functional teams to define project requirements and deliverables, improving project timelines by 30%.
- Integrated third-party APIs to enhance functionality and provide additional services to clients, yielding in 20% increased client base.
- Performed regular system audits and performance tuning, resulting in a 50% improvement in responsiveness

**Teaching Assistant, Seneca College** 2019 – 2020

- Assisted five professors in teaching core programming principles and aiding students in finding solutions to C++ problems with labs and assignments in a class size of 30 plus

**Software Developer, Kolev Engineering Inc.** 2016 – 2018

- Oversaw scheduling of project milestones and coordinated with employer on any proposed changes or challenges to be overcome in order to maintain productivity rate
- Modernized and updated company website, resulting in securing multiple million-dollar client contracts

## PROJECTS

*\*More on my [GitHub profile](#)*

### **CineSync** - Movie Watchlist Synchronization Platform

- Developed a web application to allow movie enthusiasts to synchronize and share personalized watchlists
- Implemented Next.js framework for a dynamic and responsive user interface
- Designed NestJS backend to ensure robust and scalable server-side operations
- Utilized PostgreSQL database with Prisma ORM for efficient data management and queries
- Employed TypeScript, Prettier, ESLint, and Husky for code quality and consistency

### **Hermit** - Food Delivery App

- Designed and implemented web app for the Cheesecake Factory
- Designed express backend to communicate with firebase No-SQL database for faster search queries and updates
- Implemented front-end functionality using React library and integrated CSS theming to freshen up website

## AWARDS & ACHIEVEMENTS

Entrance Scholarship, *McMaster University* 2021  
Laura Flanagan Memorial Award Finalist, *Seneca College* 2020/2021  
President's Honour List, *Seneca College* 2019/2021

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**INTERESTS:** Game Development (Ludum Dare 38), Freestyle Wrestling, Soccer (Men's Sunday League)

