**JAMES ALLEN**

**Senior Software Engineer**

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**S**enior **S**oftware **E**ngineer with 8**+** years of expertise in web applications. Expert in **Ruby**, **Go**, **Java**, **python** and modern JavaScript frameworks, demonstrating excellence in delivering high-performance applications that reduced load times by **30%** and amplified user engagement by **45%**. Distinguished record in responsive **UI** and **RESTful APIs** development, driving substantial improvements in system efficiency and user satisfaction. Proven mastery in frontend and backend development, specializing in **Gin,** **Ruby** on **Rails**, **Spring** **Boot**, **Node.js**, **Django, Laravel** and **React**, **Angular**, **Vue.js**.

**WORK EXPERIENCE**

# senior software engineer *MAY 2022 – APRIL 2024*

NexaSoft Innovations | Newmarket, ON L3Y 8E1

* Led the development of **5+ applications**, utilizing **React (with Hooks and Redux)**, **Node.js**, **Go**, and **Spring Boot**, improving user engagement by **35%**.
* Employed **React Hooks** to create functional components, optimizing re-rendering and boosting app performance by **20%**.
* Architected and integrated **15+ RESTful APIs** and **SOAP APIs**, streamlining data interaction and enhancing application efficiency by **40%**.
* Leveraged **Docker** and **Kubernetes** for containerization and deployed on **AWS** and **Azure**, achieving **99.9%** uptime.
* Implemented **Git** workflows with **JIRA** for project management, reducing deployment time by **20%** through agile methodologies.
* Collaborated with cross-functional teams, accelerating feature rollouts by **30%**.

# Lead software engineer *MARCH 2019 - May 2022*

QuantumShift Technologies |Edmonton, AB T6H 4T1

* Delivered **50%** increase in user satisfaction by developing innovative features for a **Saas** application integrating a range of technologies, including **Vue.js, Ruby on Rails, Gin, Go,** and **PostgreSQL.**
* Streamlined **CI/CD** processes using **Jenkins**, achieving a **50%** reduction in integration errors and accelerating release cycles by **30%.**
* Launched **10+** microservices in **Go** using the **Gin** framework, resulting in a **45%** enhancement in response times and improved application scalability.
* Oversaw cloud environments on **AWS** and **Azure**, ensuring robust, secure, and scalable applications that handled up to **10,000** concurrent users through effective deployment strategies.
* Established testing standards with **Jest** and **Mocha**, achieving **90%** code coverage and reducing production bugs.

# Software Engineer *MAY 2017 - MARCH 2019*

AetherByte Solutions| Aurora, BC V0B 1V0

* Developed **25+** software projects leveraging **Angular** and **MySQL,** to drive business growth and improve operational efficiency by **15%**.
* Designed a cloud-based inventory management system on **AWS**, featuring real-time tracking and reporting capabilities, resulting in a **30%** reduction in inventory costs and a 3**0%** increase in order processing speed.
* Revamped **UX/UI** principles to redesign **5+** existing applications, enhancing client engagement by **60%** and reducing user drop-off rates by **15%**.
* Conducted **2+** code reviews weekly, identifying critical bugs and vulnerabilities that improved code quality metrics by **50%** and fostered a culture of continuous learning.
* Applied skills from monthly technical training in **DevOps** practices, cloud computing, and application architecture to enhance team projects.

# junior Software engineer *August 2015 - May 2017*

ThinkData Works | Toronto, ON M5V 1A1

* Developed **eCommerce** solutions with Laravel, enhancing user experience and increasing customer engagement by **12%** in the first year.
* Created 10 responsive web pages using **HTML**, **CSS**, and **JavaScript** as part of a team, focusing on optimizing load times, which resulted in a **20%** reduction in page loading speeds.
* Collaborated with a team of **4** developers to gather client requirements and implement tailored solutions, which contributed to achieving an **85%** client satisfaction rate in project feedback surveys.
* Maintained a **MongoDB** database with over **100,000** entries, ensuring efficient data storage and retrieval and applying best practices in database design.
* Engineered a Python-based data analysis tool as part of a capstone project, improving data processing times by **15%** through application of advanced data analysis frameworks.
* Integrated basic testing using **Jest**, achieving a **70%** code coverage across key features and gaining valuable insights into the importance of testing in software development.
* Worked within an **Agile** team of **6**, contributing to sprint planning and reviews, which resulted in a **20%** improvement in project delivery efficiency over three months.

**EDUCATION**

**Campion College**, Regina, Saskatchewan ***APRIL 2009 - AUGUST 2013***

BA of Applied Science (BASc), Computer Science

**SKILLS**

* **Languages:** Go, Python, JavaScript, TypeScript, Php, Java, C++
* **Frameworks/Libraries:** Gin, Ruby on Rails, Django, Node.js, React, Next.js, Angular, Vue.js, Nuxt.js, Laravel, Spring Boot
* **Databases:** PostgreSQL, MongoDB, MySQL, Redis
* **Cloud Platforms:** AWS, Azure
* **DevOps:** Docker, Kubernetes, Jenkins, Git, Ansible
* **Testing:** Jest, JUnit, Cypress
* **Other:** RESTful APIs, SOAP