Shivam Kalia

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EDUCATION

Master of Applied Computing (Co-op Program) (GPA: 3.67/4.00)   **September 2022 – April 2024**
Wilfrid Laurier University   Waterloo, Canada

Bachelor of Engineering in Electronics & Communication Engineering   **July 2016 – July 2020**
Thapar Institute of Engineering & Technology   Patiala, India

WORK EXPERIENCE

Software Developer, *Dispatch Panda Inc. – Ontario, Canada*   **February 2023 – Present**

- Drove the shift from monolithic to microservices architecture in a part-time role for a SaaS intermodal trucking software, achieving a 50% enhancement in performance and scalability, and a projected increase in revenue by 30%.
- Designed database table structures and developed backend REST APIs for enhanced system functionality, collaborating with senior team members to achieve a flawless 90% success rate in deploying APIs with CI/CD Pipeline through Jenkins.
- During co-op term, demonstrated AWS proficiency by deploying an ELK tool on an EC2 instance, enhancing log tracking efficiency and optimizing storage for diverse system components.
- Showcased commitment to robust data management in the co-op role by establishing and configuring an S3 bucket with ACL settings for secure file and image storage, contributing significantly to overall success.

Software Engineer, *Motherson Technology Service Limited - Noida, India*   **August 2020 – August 2022**

- Developed RESTful APIs in Harness One project using Spring Boot and MySQL, resulting in the successful integration of 30 APIs with Angular 8 frontend and achieved a 93% improvement in seamless user experience for the end-users.
- Increasing 40% of software productivity by implementing software engineering best practices, writing high-quality, maintainable code, preparing unit tests, and ensuring defect-free programming.
- Enhanced the security of APIs in assigned modules using Spring Security, achieving a 75% reduction in security vulnerabilities.
- Awarded as RISING STAR out of 200 trainees for increasing the revenue of the company by 10% due to improved customer trust and satisfaction.

Software Developer Intern, *Reynic Technologies - Amritsar, India*   **February 2020 – July 2020**

- Independently developed two modules EDI and Email Notifications from scratch by learning new technologies, resulting in an 80% increase in the timely delivery of reports to clients and a 25% increase in the revenue of the company.
- Spearheaded the full software product development life cycle including requirement analysis, design, development, review and test, leading to on-time delivery with 95% code accuracy and a 30% reduction in development costs.
- Collaborated with the senior developers, analysts, product owners, and testers over GitHub and MS Teams, and agile development team over JIRA for creating tickets, bug tracking and monitoring the tasks.

CERTIFICATIONS

- AWS Certified Developer Associate   **December 2023**
- Microsoft Technology Associate: Database Administration Fundamentals (MTA)   **July 2021**

SKILLS

Programming Languages:	Java, JavaScript, Typescript, C/C++, Python
Frameworks/ Web Technologies:	Spring Boot, Angular 8, Android, HTML, CSS, Bootstrap, jQuery, JSON, OAuth2
Methodologies:	MVC Architecture, Microservices Architecture, Object-Oriented Programming, DevOps
Databases / Servers:	MySQL, MS SQL, Postgres, Elasticsearch, Tomcat, Jenkins, AWS EC2, Docker
Tools/Operating Systems:	Git, GitHub, Postman, Jira, Logstash, Kibana, JUnit, Mockito, Linux

VOLUNTEER EXPERIENCE

President, *KW Toastmasters Club – Waterloo, Canada*   **July 2023 – Present**

- Spearheading the club's strategic initiatives, providing clear direction and leadership that has resulted in a 20% increase in overall member engagement and participation.
- Initiated a WhatsApp communication channel, yielding a remarkable 30% increase in member interaction, while orchestrating 2 successful social events with a 25% rise in attendance, enhancing the club's community spirit.