JAY KUANG

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SUMMARY

- Software Engineer–oriented Frontend Developer with 4 years of experience delivering production-ready web applications using React and other modern frameworks
- Strong experience in debugging production issues, supporting CI/CD workflows, and building internal automation tools to improve engineering efficiency.
- M.Sc. in CS from Georgia Tech with solid foundations in algorithms, software design, and full-stack development.
- Targeting Junior-level Software Engineer, Fronted, and Full-Stack Engineer roles in Canada and the U.S.

WORK EXPERIENCE

Frontend Web Developer   **Jan 2022 – Present**
Plusgrade.com   Remote, Canada

- Deliver and customize 30+ partner storefronts by modifying React components, updating UI logic, refining build configurations, and ensuring successful deployments across dev/staging/production environments
- Maintain and enhance front-end features using React and tailwind CSS, improving component reusability, accessibility compliance, and overall user experience
- Support CI/CD workflows on GitLab by validating builds, monitoring pipelines failures, and assisting with environment setup for new partner integrations
- Debug and resolve issues in both staging and production environments using logs, browser DevTools, and Splunk, improving release stability and reducing support escalations
- Develop internal automation tools integrating Gemini AI to analyze XML configuration files and perform pre-QA validation, reducing repetitive manual checks and improving delivery efficiency
- Collaborate with engineering, QA, and product teams to diagnose issues, clarify requirements, deliver stable products, and provide internal and external technical support

Junior Software Developer   **Sep 2021 – Dec 2021**
Points.com   Remote, Canada

- Developed Python scripts and internal tools to automate recurring operational workflows, reducing manual effort and improving response time
- Monitored dashboards and alerts using Splunk(SPL) to identify production issues and supporting troubleshooting across teams
- Resolved product issues by analyzing payloads and API request/response using Postman and interpreting system logs to identify root causes

EDUCATION

Georgia Institute of Technology | M.Sc in Computer Science | GPA: 3.8/4.0   **Sep 2022 – Apr 2025**
Courses: Algorithms | Software Design | Machine Learning | Database System Design | Computer Networks

Seneca College | Diploma in Computer Programming | GPA: 4.0/4.0   **Sep 2020 – Aug 2022**

University of Waterloo | M.Eng in Civil Engineering | GPA: 3.6/4.0   **Sep 2014 – Aug 2016**

TECHNICAL SKILLS

Languages & Tools: Python, JavaScript/TypeScript, Java, SQL

Frontend & Backend: React, Redux, Vite, Node, Express, REST APIs

Testing & DevOps: Jest, JUnit, Selenium, GitLab CI/CD, Jenkins, Docker, Splunk