

Sakib Adnan

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Technical Skills

- Programming Languages: JavaScript, Typescript, SASS, SQL, Java, Python, C++, C#, HTML, CSS
- Web Development: React, Bootstrap, NodeJS, Express, Gatsby, GraphQL, Spring Boot, Hibernate
- Database Design and management: Microsoft SQL Server, MySQL, MongoDB
- Operating Systems: Windows, Linux, MacOS
- Miscellaneous: Microsoft Visual Studio, git, JIRA, Agile, Kubernetes, Rancher, Figma, Selenium

Education

Bachelor of Science in Computing Science

2016 - 2019

- Simon Fraser University, BC, Canada

Technical Work Experience – Software Engineer, Global Payments

Pay Now/Pay Later Payments App - Javascript/Typescript/Node.js

- Coded and designed a Synchronous Payments Service (PayNow - Sale and Refunds via UI) and Asynchronous Payments (Pay Later via email/text)
- Coded the Front End using React for accepting multiple payment types of the payment processing industry and the supporting route handlers, APIs for this service, complete with unit tests.
- Implemented the load balancer to handle requests for the service, which upon completion allowed the app to handle 400 million transactions.
- Implemented the ELK (ElasticSearch, Logstash, Kibana) logging for error logging.

Receipt Notification (Email) Service Feature, Paypage Server – Javascript/Node.js

- Created an email notification service for the Paypage server, which is the backend server for Paypage UI (another payment app) component that manages different types of payments methods.
- Designed and created the model for the email receipt request that the paypage server receives.
- Coded the custom validation check service for the request.
- Coded the entire service which includes integrating with Sendgrid for email service, verification of payment intent status, validating tokens for security, amongst others and handling 10,000 emails per day.
- Worked with the DevOps team to deploy the feature update using Kubernetes and Rancher through multiple environments, before production release.

API and UI Test Automation Framework - Cucumber, Selenium, Gherkin, Java

- Created an API and UI automation framework that tests the API endpoints in internal services and validates the responses using a Behavior Driven Development approach that uses the Gherkin Language (Cucumber tool).
- Integrated Selenium into the framework that targets UI elements and verifies them, logging the results (UI and API tests) into Testrail and generated reports.
- Increased efficiency and timeline of testing over manual testing, which resulted in faster production release.
- Implemented scheduled jobs to run the test suite automatically from Bitbucket.

Work Experience

Software Engineer

Mar 2021 - Present

Global Payments Integrated, Vancouver, BC

- Developed and designed RESTful APIs of Payments Solutions services using Java, JavaScript, Typescript code for using Node.js, Express, Spring Boot and deploy products during the entire SDLC process.

Quality Assurance Specialist

Apr 2018 - Jan 2020

Amazon Inc., New Westminster, BC

- Managed and processed damaged products and updated Amazon's virtual warehouse inventory for the entire New Westminster Warehouse, as part of the Quality Assurance team.