

Tarush Roy

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Education

University of Victoria, Victoria, BC

Sept 2017 - Present

BSc, Computer Science: Software Systems

Notable courses: Software Testing, Human Computer Interaction, Programming Languages, Computer Communication and Networks, Introduction to Computer Graphics, Software Development Methods, Operating Systems, Database Systems, Computer Architecture, Algorithms and Data Structures I & II.

Delhi Public School, Gurgaon, India

Mar 2013 - Mar 2017

Science Stream: Informatics Practices

Work Experience

VINN Automotive, Quality Assurance Analyst

September 2022 - March 2023

- Implemented a full end-to-end test suite for a ReactJS website, using the Cypress testing framework in Javascript, as well as creating a GitHub Actions workflow as a part of the CI pipeline, reducing the overall time to execute the test suite from 30 minutes, down to 8 minutes using parallelization.
- Took on roles of a frontend web developer to squash bugs and implement features, such as implementing a google maps component with custom map markers, with performance optimizations like rendering markers in bounds, and marker clustering.
- Worked with the ruby-on-rails and PostgreSQL backend on some tickets, to create and manipulates tables and data, as well creating endpoints for the frontend to use, using React Redux and RTK Query.
- Worked in sprints using Jira and Linear as project management software to create bug tickets, and complete tasks.

Skills

General

- Git
- Jira
- Linear
- PostgreSQL
- Python

Web Development

- Javascript
- ReactJS
- Cypress and Jest Testing Frameworks
- NextJS
- RTK Query
- Redux
- Ruby on Rails

Other projects available at tarushroy.com and github.com/tarushroy.