

# Abhijeet Prasad

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## SKILLS

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**Languages** JavaScript, TypeScript, HTML/CSS, Python, Ruby, PHP, C++

**Tools** React.js, Redux, GraphQL, Node.js, Git, Ruby on Rails, SQL

## EXPERIENCE

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### Shopify

Ottawa, ON

Software Developer

September 2017 – December 2017

- Refactored Shopify's front-end admin to use a modern tech stack with TypeScript and GraphQL
- Built accessible and extensible React components for Shopify's open source design system Polaris
- Leveraged existing Rails infrastructure to add new GraphQL fields to the Shopify Merchant API
- Created a React Native app that converts hand-drawn templates into HTML layouts using OpenCV

### Rogers Communications

Toronto, ON

Software Developer

January 2017 – April 2017

- Created a custom REST API endpoint for server-side authentication of Rogers Media site users
- Implemented a new mobile-friendly user management platform deployed on over 50 Rogers Media radio sites according to given wireframes and requirements
- Collaborated with both external vendors and the web development team to integrate Salesforce Marketing Cloud API and back-end feeds onto the Rogers Media radio sites

## PROJECTS

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### Vizi

<https://github.com/AbhiPrasad/vizi>

- A client-side stock chart viewer using Quandl Finance API, built with React.js, d3.js, and Bootstrap
- Displays historic stock data in an interactive chart with company and stock details

### PWR

<https://github.com/AbhiPrasad/PWR>

- A lightweight and extensible power grid simulator built with JavaScript and Electron
- Uses path-finding algorithms to efficiently route power in transmission/distribution grids

### Twitch Dashboard

<https://github.com/AbhiPrasad/Twitch-Viewer>

- A responsive dashboard for Twitch.TV, built with JavaScript and jQuery
- Allows users to view and sort their favourite streams and games

## AWARDS

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- **1<sup>st</sup> Place**, Sandford Fleming Debate Competition July 2017
- **2<sup>nd</sup> Place**, Ontario Engineering Competition – Programming February 2017
- **1<sup>st</sup> Place**, Waterloo Engineering Competition – Programming November 2016

## EDUCATION

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### Systems Design Engineering

September 2016 - Present

University of Waterloo, Waterloo, ON

- Project Developer on the UW Blueprint student design team