

Abhay Vaidya

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SKILLS

Languages: Java, Python, JavaScript, C, SQL
Technologies: React + Redux, Node.js, Android

Tools: Git, Jenkins, SoapUI, JUnit, Jest, Jira
Methodologies: Agile (Scrum, Kanban), TDD, OOP

EDUCATION

University of Toronto

HBSc, Computer Science Co-op, Software Engineering Specialist; GPA: 3.45

Toronto, ON

Sep. 2016 – Present

- Dean's List, 2017

EXPERIENCE

Software Developer Intern

LoyaltyOne - AIR MILES Reward Program

Toronto, ON

May 2018 - Present

- Helped architect and develop front and back-end for new merchandising website visible to over 10 million AIR MILES collectors
 - Developed reusable React component library to standardize all AIR MILES web applications
 - Used Node.js, Express, TypeScript, and Next.js for statically-typed back-end and Redux for front-end state management
 - Unit-tested components with Jest and Enzyme to ensure proper functionality and rendering of components
- Designed and developed automated changelog process with git and Jira integration to enhance accountability and establish an audit trail using Node.js, shell scripting, and Jenkins
- Set up continuous integration and release jobs on Jenkins to solidify agile and automated development processes
- Investigated and implemented mock SOAP and REST services for dependency-free API testing
- Presented tech seminar about improving internal API documentation practices with Postman

Front-End Development Consultant

TAid, University of Toronto Scarborough

Toronto, ON

Nov. 2017 - Apr. 2018

- Collaborated with CS professor and upper-year student to engineer web-based staff and student management application
- Used knowledge of front-end development to design user flows, wireframes, mockups, and prototypes and provide advice on feasible user-facing features

PROJECTS

Oak - UofT Web Development Club

Apr. 2017 - Sept. 2017

- React web application for UofT students to better plan schedules and access reviews for courses and professors
- Implemented Test-Driven Development methodology to ensure simpler design and improved robustness of code

Buddi - Toronto Animal Services

Apr. 2016 - May 2016

- Developed pet-and-owner matchmaking Android app, RESTful API, and accompanying web app to make the adoption process easier and help alleviate overburdened resources at animal shelters

EXTRACURRICULARS

Lecturer & Designer

Computer Science Enrichment Club

University of Toronto Scarborough

Apr. 2017 - Apr. 2018

- Lectured over 50 students monthly about core web development topics including interactivity and responsive design

Hackathons: Participated in teams of four in several 36 to 48-hour competitions including Scotiabank HackIt, Bully Stop (1st place), MHacks 8, Hack the Valley (Best Designed Hack), and UofT Hacks IV