

Abhay Vaidya

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SKILLS

Languages: Python, Java, JavaScript, C

Technologies: React + Redux, Node.js, Android

Tools: Git, Jenkins, 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: 2016-2017 & 2017-2018

EXPERIENCE

Software Developer Intern

LoyaltyOne - AIR MILES Reward Program

Toronto, ON

May 2018 - Dec. 2018

- Helped architect and develop new e-commerce merchandising platform visible to over 10 million AIR MILES members (Node.js, React + Redux, Express, TypeScript, Next.js)
 - Engineered crucial flows, such as checkout, while adhering to strict business and UX requirements
 - Developed reusable React component library to standardize all AIR MILES web applications
 - Unit tested components with Jest and Enzyme to ensure proper functionality and rendering
- Designed automated changelog process using Node.js, shell scripting, and Jenkins with git and Jira integration to improve accountability and establish an audit trail
- Set up continuous integration (CI) and deployment (CD) jobs on Jenkins to solidify agile and automated development processes
- Investigated and implemented mock REST and legacy SOAP 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

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