Abhay Vaidya

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SKILLS

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

Tools: Git, SVN, Jira, Jenkins, JUnit, unittest, Jest
Methodologies: Agile, Waterfall, TDD

EDUCATION

University of Toronto   Toronto, ON
HBSc, Computer Science Co-op, Software Engineering Specialist; GPA: 3.45   *Sep. 2016 – Present*

- Dean's List, 2017

EXPERIENCE

Software Developer Intern   Toronto, ON
LoyaltyOne - AIR MILES Reward Program   *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
- 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 processes with Postman

Front-End Development Consultant   Toronto, ON
TAid, University of Toronto Scarborough   *Nov. 2017 - Apr. 2018*

- Worked alongside 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

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

Buddi   Toronto Animal Services

- Pet-and-owner matchmaking Android app and accompanying web app for staff designed to make the adoption process easier and help alleviate overburdened resources at animal shelters

EXTRACURRICULARS

Lecturer & Designer   University of Toronto Scarborough
Computer Science Enrichment Club   *Apr. 2017 - May. 2018*

- Lecture over 50 students monthly about core web development topics, such as styling, interactivity, and responsive design

Hackathons: Scotiabank HackIt, Bully Stop (1st place), MHacks 8, Hack the Valley (Best Designed Hack), UofT Hacks IV