

Jeffrey Vales Kennedy

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Summary of Qualifications and Objective

Skilled software engineer with experience in **full-stack** and **mobile development** and a focus on creating strong user experiences with clear value propositions. Seeks to join a dynamic software team in a company dedicated to reinventing ways to make customer's lives better. Professional strengths include: creating and building ways to ensure customer satisfaction, offering thought-provoking ideas, futuristic views, professional presence, curiosity and calm team player. Have international experience in Japan and Canada.

Top Languages: Java, Python, JavaScript

Frameworks & Technologies: Play, React, JUnit, Django, Android SDK, NodeJS, Git, PostgreSQL

Education

Carnegie Mellon University (3.89/4.0) Eta Kappa Nu Honor Society; MS Software Engineering	Mountain View, CA Sept 2015 - Dec 2016
Boston University (3.88/4.0) Post-Baccalaureate in Computer Engineering	Boston, MA June 2013 - May 2015
University of Toronto (3.33/4.0) Cum Laude; Honors BA in English and Philosophy	Toronto, ON, Canada May 2011

Experience

- YugaByte** - Software Engineer (Jan 2017 - Present)
- Full-stack role deeply involved in product development and cross-cloud orchestration.
 - Designed and developed an On-Premises deployment flow for YugaByteDB Enterprise Edition.
 - Integrated the product with APIs for public cloud (AWS, Google Cloud, etc.) to provide accurate pricing estimates to customers using YugaByte on their public cloud infrastructure
 - Refactored integration test suite to use a highly modular, custom task framework for more accurate reporting and more easily reproducible tests.
- IMDb Pro** - Software Development Engineering Intern (May - July 2016)
- Implemented and tested a full-stack workflow for users to cancel their accounts
 - Persisted user cancellation data in a data warehouse with automated ETL jobs
- Amazon Web Services** - Software Development Engineering Intern (Jun - Aug 2015)
- Built a rollback utility into the operating system used on AWS routers and switches
 - Network engineers can signal routers and switches in the AWS fleet to automatically roll back to a previously known good state, reducing blackouts from 10+ hours to 10 minutes
- Bentley Systems** - Software Development Engineer Intern (Jan - May 2015)
- Constructed a user-based access control service on top of Windows Azure, to be used by software developers managing access to their own in-development services
 - Produced a command line application for custom queries in Team Foundation Server
- Microsoft** - Program Manager Intern (May - Aug 2014)
- Planned and developed a business insights tool for the Diagnostic Search feature of Application Insights, an analytics service for Windows Azure services
 - Managed the Diagnostic Search end-to-end user experience

Projects

- CaughtUp App** (Android - Java, XML; AWS - EC2, S3, MySQL)
- Created a news-centric social network with a Java back-end and MySQL database
 - Concurrent tasks monitored RSS feeds from major news sources and updated database
- Classic Sudoku App** (Android - Java, JUnit, Mockito, Hamcrest, XML)
- Developed an Android version of the popular game Sudoku
 - Designed AI to calibrate on-the-spot game generation at user-specified difficulty levels