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Kaizad V. Avari

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EDUCATION

UNIVERSITY OF FLORIDA *[GPA 3.89/4.0]*   GAINESVILLE, FL
Master of Science, Computer Science   MAY 2017

UNIVERSITY OF MUMBAI *[GPA 3.5/4.0]*   MUMBAI, INDIA
Bachelor of Engineering, Information Technology   MAY 2015

Honors and Distinctions
- Published "SmartHelmet" in the IJAFRC Journal, Spring 2015
- Winner of Prakalpa State Competition for Electronics, Fall 2013
- Certified Android Application Programmer, Neebal Technologies, Spring 2012

Technologies   Java, C# (.NET), C++, Python, HTML, CSS, JavaScript, TypeScript, SQL,
Frameworks   Spring, Hibernate, Angular, Redux, Kubernetes, Unity3D, Android, UWP, Mongo, Elastic, Ignite

EXPERIENCE

Blackrock   WILMINGTON, DELAWARE
Associate SDE   Jun. 2017 – Present
- Implemented *Kubernetes* application support into Blackrock's orchestration server.
- Worked on modeling *Application Packaging* for Blackrock's continuous delivery system.
- Designed and developed *web applications* for Accounting and Cash Reconciliation teams using *Angular*.
- Designed and developed an *ETL server* for loading data into *Elasticsearch*, developed accompanying data server to support the accounting application.
- Implemented application *metrics* and dashboard; used that to analyze and speed up application server subroutines, significantly speeding up server.

Department of Anesthesiology, University of Florida   GAINESVILLE, FLORIDA
Simulation Developer Assistant and Summer Intern   Jan. 2016 – May. 2017
- Developed mixed reality simulator in Unity 3D using C# for simulating anesthetic procedures.
- Designed and developed curriculum based intelligent tutor for UF Shands resident doctors.
- Architected and developed unique software for curating curriculums for the intelligent tutor.
- Designed platform to modularize multiple simulations for short development turnaround time.

KJ Somaiya College of Engineering Labs   MUMBAI, INDIA
RIIDL Intern   Aug. 2012 - Aug. 2013
- Developed an application for the Bhartiya Sanskrit Peetham to help teach Sanskrit.
- Launched 'Learn Sanskrit' application on the Google Play Store with **27,000+** downloads

PROJECTS

Parsi Portal Service   MUMBAI, INDIA
Co-Founder   Dec. 2014 - Present
- Developed Parsi Portal's Android application and accompanying publisher website.
- Launched service to the global Zoroastrian community, reaching **4000+** active users in two weeks.

Smart Helmet   MUMBAI, INDIA
Lead Programmer   Aug. 2014 - Aug. 2015
- Developed Bluetooth helmet with accompanying 'Helmet Companion' Android application.
- Managed smartphone events through augmented voice prompts and voice feedback.

Computer Society of India Council 2013   MUMBAI, INDIA
Technical Team & Instructor   Aug. 2013 - Aug. 2014
- Developed and implemented *CSI Portal* application for Android used by **1200** students.
- Taught and instructed workshops on Ubuntu, Android, Adobe Muse and more to students.