Narayan Acharya

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About Me

I graduated from K.J Somaiya College of Engineering, Mumbai with B.E. in Information Technology. I have interests in *Software Design & Development*, *Theoretical Computer Science* and *Discrete Mathematics*.

Experience

June '16 - Jan '17

Lead Android Developer, *LiveFiesta Pvt.Ltd.*, Mumbai.
▶ Designed and developed ready to deploy application in with features like payment gateway integration, push notifications, deep linking, Google Analytics integration among various others.
▶ Leveraged MVP Architecture pattern along with design principles like single responsibility, dependency injection and others for clean, testable and maintainable code.
▶ Saved development by mocking server responses to keep developing the application in parallel with the backend application server. Learnt to write automated unit and functional tests to save code refactor time.
▶ Designed initial version of the Android application using tools like Adobe Illustrator and Photoshop with UI/UX principles in mind.
▶ Actively involved in team building, interviewing candidates for design and technology and training new hires.

June '15 - May '17

Co-Founder & Android Developer, *TechGenium*, Mumbai.
▶ Helped build a technology services company from ground up that provided software solutions.
▶ Undertook project management responsibilities that included tasks like requirements analysis, project draft and proposal and tracking project timelines and deadlines.
▶ Designed and developed "Quizy", a simple quiz application.
▶ Helped interview candidates for various positions. Undertook training Android interns.
▶ Conducted a weekend course spanning 7 weeks to teach Android application development to students. This helped with getting potential interns for Android based projects.

Publication(s)

IJCA Publication

Visualization of Mechanics Problems based on Natural Language Processing, *K.J.Somaiya College of Engg., Mumbai.*

Academic & Personal Projects

Capstone Project

Visualization of Mechanics Problems based on Natural Language Processing.
It gives insights to generating 3D models based on simple English language sentences, in this case Newtonian mechanics problems.**(Java)**

Home Automation Android App

Android app to automate electrical remotely.
This project was done in collaboration with students from Electronics dept. The app was was capable of switching bulbs, tube lights and fans that were connected to the Internet on a different network.**(Java)**

CSI Android App

Android app for CSI - KJSCE Chapter 2013-14.
Allows students to view events, team information and receive notifications.**(Java)**

Neowin Android App

Android app to read news feeds from popular news website Neowin.
Being an avid reader of Neowin and the lack of an official Android app at the time, led to this app.**(Java)**

Technical Skills

Languages	Java, Python, C, C++, SQL, JavaScript
Protocols/API	XML, JSON, REST
Databases	MySQL, PostgreSQL, SQLite
Tools	Git, Android Studio, Adobe Photoshop, Adobe Illustrator

Education

2011-2015	**B.E. Information Technology**, *K.J.Somaiya College of Engg.*, Mumbai, 72%.	
2009-2011	**H.S.C**, *S.I.E.S College of Arts, Science and Commerce*, Mumbai, 84.33%.	
2009	**S.S.C**, *Gopal Sharma Memorial School*, Mumbai, 91.07%.	