



AAKASH SHAH

SOFTWARE ARCHITECT



Arlington, VA



aadi1428@gmail.com



+1 (202)-297-0792



7-14-1993

About

A developer by passion. Founded an online community gripstreet.co and made mid-level architectures for various other projects. A self-motivated and innovative individual who works with a focused approach.

Web Profile

<https://aakashrshah.github.io/>

Languages (ILR Scale)

Gujarati	★★★★★★
English	★★★★★
Hindi	★★★★★
Japanese	★

Areas of Interest

Natural Language Processing, Machine Translation, Word Sense Disambiguation, Machine Learning, Internet of Things.

Operating Systems

OS X , Linux(Ubuntu & Arch Linux) , Windows

Professional Experience & Key Projects

Software Developer, *encircle.io*

Aug 2015 to May 2016

Specialised in beacon technology for building a next generation IoT platform & providing proximity experiences using Spring framework and PostgreSQL.

Software Architect Intern, *Unisys Corp.*

Jan 2015 to Jun 2015

Project Name : USFN (Unisys Secure Family Network) where my technical involvement was to develop use cases using MongoDB, Angular JS & Drools.

Paper Presentation, *Purple Database.*

Oct 2014 to Dec 2014

Modeled a Python based DBMS using hash maps and bitwise operations.

Head of Operations, *Pixellete.*

Apr 2013 to Dec 2014

Led a team of designers and developers. Developed a platform for college placements & a supply-chain management web application.

GLA Team, *SRM Search Engine.*

Apr 2012 to Jun 2013

SRM-SE was based on clustering and ranking along with Grammatical Lexical Analyzer. Python based algorithm implementation of Backus-Naur Form.

Professional Skills & Experience

Web Content Management System ★★★

RESTful Web Services & Microservice Architecture ★★

MVC Architecture & Implementation ★★★

OpenWRT firmware programming ★★

Python Automation Scripts for Azure and AWS ★★★

Development Tools

YII Framework (PHP+SQL) ★★★★★

Spring Framework (w/ Maven) ★★★★★

Angular JS ★

MongoDB (RoboMongo) ★★

OpenWRT Firmware ★★

Languages

Python, Java, Shell, PHP, C, C++

HTML 5, CSS, JS, jQuery

Education

M.S. in C.S. 2016-2018

George Washington University, D.C.

Machine Learning, Cognition & NLP

B.Tech 2011-2015

7.83 CGPA

SRM University, India
Computer Science & Engineering

Awards

Global Initiatives Tuition Fellowship 2016

George Washington University

Winner in Coding Competition 2014

SESCON 14, Coimbatore, India
24hr Coding Round

Special Performance 2010

National Cyber Olympiad
All India Rank 57

Winner in Concept Design 2013

Blitzkrieg
Concept Design and Marketing

Special Performance 2010

All India Astronomy Olympiad
Top 1% in State

Special Performance 2009

6th Position, TCS IT Wiz

Hobbies

Model United Nation

Keyboard (Musical Instrument)

Trekking & Travelling

Reading & Blogging

Sports

Chess

Table Tennis

Soccer

Swimming