

ACCOMPLISHMENTS

- 5+ years of total work experience in IT and 3+ years as a Python Developer.
- Expertise in Python, Python MVC, SQL Databases, Web Services, Apache.
- Diverse experience of completing various projects including e-commerce, data mining, mobile game applications and machine learning.
- Working Knowledge in Cloud Platforms including Amazon Web Services (AWS).
- Complete Understanding and hands on experience in Agile development methodologies.
- Proven background for leading teams in stressful, deadline-oriented environments.
- Excellent communication, interpersonal and presentation skills.

EDUCATION

Post Graduate Certificate in Human Resources Management, **Parkland College Saskatchewan**
Coursework: Organizational Behavior, Communication, Strategic Management 2016-2017

Bachelors in Technology (Information Technology), **Punjab Technical University** 2010-2013
Coursework: Algorithms & Data Structure, Operating Systems, Networks
Senior year project work focused on developing a VNC server in python, GPA: 8.0/10.0

Under Graduate Diploma (Information Technology), **Thapar Polytechnic, Patiala** 2007-2010
Coursework: Basic and digital electronics, Computer networks, Multimedia
Last year Individual projects were audio amplifier and interactive webpages, GPA: 6.8/10.0

EMPLOYMENT

Software Developer **Khalasa Labs** **Aug 2017 – Present**

- Automated web posts and blogging platform using python
- Integrated face recognition APIs on raspberry pi for security device
- Performed Machine learning operations for Image recognition using tensorflow

Projects Undertaken

- **Home Security** | Pi based face recognition device, recognized faces and send alerts.
- **Auto Website Visitor** | A tool developed in python to visit multiple websites with multiple identities
- **Research** | Analysis of DOS and DDOS attacks using Deter test bed network.

Implementations: Python scripts for generate DOS and configuration of snort IDS.

Technology Utilized: Python, Python, Urllib2, Re, Pandas, Tensorflow, keras, SCIPY

Software Developer **Lab91 Software Pvt. Ltd.** **Sep 2015 – June 2016**

www.tabettree.com | An online e-commerce pharmacy

- Developed Inventory management system to handle 30k plus products
- Deployed REST APIs including authentication and cloud content uploads.
- Amazon AWS, payment gateways and other third party integration with django.

Projects Undertaken

- **Table Tree** | Online Pharmacy contains 30k plus products. Pharmacy includes features like accepting uploaded prescriptions by customers, reminding customers for their scheduled medicine purchase and recommend the medicine brands based on prescribed salts.
- **Server Conf.** | Configure and Manage Linux servers for python/django based ecommerce websites.

Technology Utilized: Django, Python, Apache, Linux, Virtual Hosts, HTML5, Bootstrap, CSS3, Pyxlrt

Software Developer

Redlizard Studioz Pvt. Ltd

Aug 2013 – Aug 2015

www.redlizardstudioz.com

- Designed database architecture to enhance web apps performance.
- Extend and Optimized django framework for custom admin panel and data handling.
- Performed Server configurations and managed code deployments using GIT and JIRA.

Projects Undertaken

- **The Health Tree** | An Ecommerce solution for health products selling platform with features including promo coupons, rating and reviews, and product recommendations. Website included large number of subscribed customers and automated emails for handling basic queries.

Technology Utilized: Django, Python, jQuery, Celery, Monit, boto3, Mailchimp, Paypal, AWS, Docker, REST

iPhone Game Developer, Intern

Hadron Solutions Pvt. Ltd

Jan 2013 - April 2013

- Programmed game logics and physics engine for iPhone based 2D games
- Debug and optimized game projects using XCode's profiler

Projects Undertaken

- **Zombie eats brain** | iPhone game based on various levels designs and physics objects in each level.
- **Ninja throw** | iPhone game based on physics based difficulties.

Technology Utilized: Objective-C, C++, Cocos2D, Level Designer, Box2D

ADVANCE SKILLS

Programming: Python, C++, Objective-C, PHP, CSS, JavaScript

Frameworks: Django, WordPress, jQuery, Cocos-2D, Box-2D, .Net, Tensorflow

Python Modules: Xlrt, PIP, PIL, Urllib2, Requests, BeautifulSoup, Virtualenvs, OpenCV, Pygame, Numpy

Front-End: CSS3, HTML5, JS

Databases: MySQL, JSON and XML

APIs: REST, XML, JSON

IDE/Tools: XCODE, Pycharm, Aptana, Photoshop, Lightroom

Code Management: Git and SVN

Servers/PAAS: Apache, Amazon AWS

Others: Atlassian Jira, Mailchimp, Stripe, Celery, Monit

BEGINNER SKILLS

Heroku, Firebase, ReactJS, SCIPY, Pandas, Keras