

ACCOMPLISHMENTS

- 3+ years of total work experience as a Python Developer.
- Working Knowledge in Python, Python MVC, SQL Databases, Web Services (SOAP & REST APIs), Apache.
- Working Knowledge in Cloud Platforms including Amazon Web Services (AWS).
- Diverse experience of completing various projects including e-commerce, data mining, and mobile game applications.
- 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

Python Programmer **Khalasa Labs** **Aug 2018 – June 2019**

- Automated web posts and blogging platform using python
- Utilized face recognition APIs for security IOT device using raspberry pi

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, SCIPY

Software Developer **Lab91 Software Pvt. Ltd.** **Sep 2015 – Jan 2016**
www.tabettree.com | An online e-commerce pharmacy

- Design and Developed Inventory management system using django.
- Developed REST based API using django for mobile developers

Projects Undertaken

- **Table Tree** | Online Pharmacy that accept uploaded prescriptions and store patient's data. Git repositories maintained for each version, APIs, and server configurations.
- **Server Conf.** | Configure and Manage Linux servers for python based ecommerce websites.

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

Software Developer

Redlizard Studioz Pvt. Ltd

Aug 2013 – May 2016

www.redlizardstudioz.com

- Integrated amazon cloud services and payment gateway with e-commerce website.
- Extend and Optimized django framework for custom admin panel and data handling.

Projects Undertaken

- **The Health Tree** | An Ecommerce solution for health products selling platform with coupons and rating features. Static files managed by Amazon AWS and boto library, Email queues maintained by celery. Logs maintained by monit.

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
- Debugged and optimized game projects using XCode's profiler and Objective-C/C++

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

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

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