

Objective

Seeking an opportunity in senior development in growth oriented organization where I can utilize my skills to develop robust applications and contribute in team mentoring.

Summary of Skills

- 7 years of total work experience working as a Software Developer.
- Extensive experience of developing applications using **Python's** MVC frameworks like **Django** and **Flask**, along with hands on **async** platforms like **tornado**.
- Good Understanding of components based front end frameworks like React and **VueJs**.
- Experience developing micro services in containerized and orchestrated environment using **Docker** and **Kubernetes**, strong understanding of network communication protocols.
- Implemented and integrated cloud platforms services in software projects including Amazon Web Services (AWS), Amazon **EC2** and **Heroku**.
- Successfully completed project using Software Development Lifecycle (SDLC) and Agile development methodologies by using project management tools like Atlassian **JIRA**.
- Deployed project using **GIT**, **AWS CI**, **Fabrics** with well written documentations.
- Experience developing **REST** APIs, JSON, XML and SOCKS for client-server applications.
- Implemented application performance metrics (**APM**) and logs forwarding to **Datadog**.
- Solid understanding of deploying application using **Nginx**, **uWSGI**, and Load balancers.
- Proven background for working in team in deadline-oriented environments with excellent communication, interpersonal and presentation skills.

Professional Experience

Blackline Safety

Senior Software Developer

Calgary, Canada

Nov. 2021 – Present

- Developing and deploying python based services, APIs, integrations and unit tests.
- Working closely with SREs to ensure reliability of services, using Datadog and PagerDuty.
- Designing and developing health checks and health status endpoints for micro services.
- Integrating application with various services like RabbitMQ, SNS, Kafka, Celery.
- Implementing AWS CodeBuild/CI pipelines for existing python projects.

Intragrain Technologies

Server Developer

Regina, Canada

Oct. 2020 – Nov 2021

- Responsible for designing and developing micro services in containerized environment.
- Designed and develop data monitoring system using Kafka, Zabbix, Grafana, and Influxdb.
- Responsible for developing and managing docker builds and Kubernetes deployments.
- Deployed micro services using yaml configurations for Kubernetes and GKE.

Khalsa Labs

Application Developer

Aug 2017 – Oct 2020

- Designed and programmed an automated blogging application using python.
- Worked on a ReactJs application, a front end for a fitness activity tracking application.
- Developer a Pi based face recognition project and micro python firmwares for ESP32.
- Design, document, and implementation of the project 'Analysis of DOS and DDOS attacks' using Deter test bed network and python scripts.

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

- Developed Inventory management system to handle 30k plus products inventory and daily transactions of sale and purchase, using python.
- Continuously develop and maintain the customer relationship management system using Django that is responsible of solving hundreds of customer's queries per day.
- Configure and Manage Linux servers for django based ecommerce websites by enabling the WSGI and SSH, Virtual Hosts on each server.
- Responsible of training and development program for company interns and junior employees.

Redlizard Studioz Pvt. Ltd**Software Developer****Aug 2013 – Aug 2015**

- Designed database architecture to handle over a million e-commerce products without losing website performance.
- Optimized the search performance by 33% of e-commerce platform by replacing existing platform's ORM queries to SQL queries.
- Deploy, develop, and maintained REST based APIs for mobile application and worked back and forth with mobile development team to ensure the integration process goes smoothly.
- Successfully configure and manage Linux servers and code deployments.
- Managed third party integrations with Celery, Monit, Mailchimp, Paypal, and AWS Boto.

Hadron Solutions Pvt. Ltd**iPhone Game Developer, Intern****Jan 2013 - April 2013**

- Programmed game logics and physics engine for iPhone based 2D games.
- Debug and optimized various game projects using XCode's profiler.
- Responsible for submitting game source code written in Objective-C under team deadlines.

Education**Post Graduate Certificate** in Human Resources Management, Parkland College Yorkton

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

Skills**Programming:** Python, Java, C++, Objective-C, PHP, CSS, JavaScript**Frameworks:** Django, ReactJS, VueJs, WordPress, jQuery, Cocos-2D, tensorflow**Python Modules:** Xlrt, PIP, Requests, Virtualenvs, OpenCV, uWSGI, Numpy**Servers/PaaS:** Apache, Kubernetes, Heroku, Docker, AWS, Monit, Google Cloud, Firebase**Others:** Datadog, Statsd, Nginx, MQTT, Kafka, AWS CI, GKE**Novice:** Go (Golang)