Chetan Rajpal

Software Developer

Toronto, ON
(647) 574-2247
Gmail: chetanrajpal4@gmail.com
LinkedIn: https://www.linkedin.com/in/chetan-rajpal
Portfolio: https://chetanrajpal.github.io

PROFILE

- Motivated IT graduate student with 3+ years of professional experience in web application development. Seeking to apply my sound technical skills to advance my career in the IT industry.
- Experience on AWS cloud services like EC2, S3, RDS, ELB, EBS, VPC.
- Skilled at Software Development Life Cycles Agile technologies and waterfall.
- Experience in setting up of Docker and creating new images and getting images from Docker Hub, worked on Docker images and containers for deploying applications.

TECHNICAL SKILLS

Operating System - Linux, Windows, Macintosh.

Programming Languages - Java, Java Script, ReactJS, NodeJS, Python, C, C++.

Linux Skills - Bash, Samba, Shell Scripting, Apache, Virtualization, VMware, Hyper-V.

DevOps Skills - PowerShell, GCP, AWS, Azure, CloudFormation, Docker, Kubernetes, Git, GitHub, GitHub Actions, Debugging, Jira, Confluence, CI/CD, Jenkins, YAML.

EXPERIENCE

York University, Toronto - *Research Assistant/ DevOps Engineer*
JUNE 2022 - SEPTEMBER 2022

- Worked as a Backend and Dev-ops Developer on York University's digital currency project.
- Improved geolocation of the bitcoin miners by using Block-cypher API and filtering out IP Addresses to generate heat for mapping CO_2 emissions from mining and displayed it on the website.
- Responsible for developing CI/ CD pipelines using GitHub Actions to deploy docker container images of project's web application to AWS s3 platform.

Cyient – *DevOps Engineer*
April 2018 - SEPTEMBER 2020

- Worked under the guidance of 4 lead software engineers, tech leads, and architects.
- Maintained Git workflows for version control.
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins.
- Built and deployed Docker containers for implementing Microservice Architecture.
- Provisioned Servers and deployed features using Ansible.
- Orchestrated Docker container cluster using Docker Swarm.

Agile Softech Pvt Ltd – *Frontend Developer*
March 2017 - March 2018

- Lead Frontend Developer for the company's various clients for their web apps and website designing by using ReactJs framework with Html and CSS along with NodeJs.
- Exhibited Leadership skills by leading a group of frontend developers.

- Demonstrated professional presentation and communication skills by demonstrating design ideas to the clients.

EDUCATION

York University, Toronto *- Post-Grad Certificate Backend and Blockchain Development*
SEPTEMBER 2021 - JUNE 2022
GPA - 3.75
Relevant Courses - Fundamentals of Blockchain, Applications of Blockchain, Server-side Programming (Node.JS), Database Design (MongoDB, MySQL), DevOps and Deployment.

Centennial College, Toronto *- Post-Grad Certificate Cyber Security*
SEPTEMBER 2020 - APRIL 2021
GPA - 3.65
Relevant Courses - Cyber Forensics, Ethical Hacking, Cyber Attack and Defense, Cloud Security and E-commerce & Web Security.

Jaypee Institute of Information Technology, Noida, India *- B. Tech Electronics and Communications Engineering*
AUGUST 2013 - JUNE 2017
CGPA - 6/10

PROJECTS

Real Estate Marketplace for Dwella Investing Co. Capstone Project *- York University*
- Collaborated with a group of 3 students to develop a real estate marketplace for a company Dwella Investing Co.
- Developed Frontend of the website using ReactJS and created API calls for the backend server.

Detecting Covert Channels using Machine Learning Techniques Capstone Project *- Centennial College*
- Collaborated with a group of 4 students to detect covert channels in a network using various techniques and demonstrated my technical skills for creating a virtual network and generated thousands of TCP packets in different covert channels using tunnel shell.
- Awarded ICET award at SETAS Technology Fair.

AWARDS

ICET award at SETAS Technology Fair for the project at Centennial College.

Certificate of Appreciation for delivering a lecture on Cyber Security at Silver Line Prestige School.

CERTIFICATION

National Small Industries Corporation, New Delhi, India *– 2 months Certification Course in Cyber Security and Cyber Forensics.*
JUNE 2017 - AUGUST 2017

Bharat Electronics Limited, Ghaziabad, India *– 3 months Summer Training/Internship at Radars and Communication Department of BEL.*
JUNE 2016 - AUGUST 2016

Delhi Metro Rail Corporation, New Delhi, India *– 2 months Winter Training/Internship at Signaling and Communication Department of DMRC.*
NOVEMBER 2015 - JANUARY 2016