

SHUBHAM KALE

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SUMMARY:

Computer Science Graduate student with 3 years of work experience in the field of Software and Web Development.

EDUCATION:

Master of Science in Computer Science

Aug 2018-May 2020

San Diego State University, San Diego, CA

Bachelor of Engineering in Computer Science

July 2012-May 2016

Pune University, Pune, India

PROGRAMMING SKILLS:

LANGUAGES: .NET MVC, Java, C#, Python, C++, Android programming, Kotlin, Terraform, Ansible

WEB SKILLS: JavaScript, CSS3, JQuery, PHP, HTML 5, Angular JS, Node JS, JSON, Typescript, XML

DATABASES: Oracle, MS SQL Server, MongoDB, IBM DB2

TOOLS: .NET framework, GIT, Agile, SDLC, REST API, Junit, Selenium, Trello, Jupyter Notebook, Flask

CLOUD: Microsoft Azure, AWS, IBM Cloud, Red Hat Openshift, Docker, Kubernetes

OS SYSTEMS: Linux, Windows, MacOS

WORK EXPERIENCE:

Software Developer

July 2020-Till date

IBM, San Jose, CA

Technologies: RedHat IBM Cloud operators, Openshift 4.8, Terraform, Kubernetes, Docker, Python, Ansible

- Developed IBM Cloud Pak for Data to deploy it as singleton operator on Red Hat Marketplace. It manages lifecycle of any CPD Service on the OpenShift Container Platform in both OLM (OCP 4.x) and non-OLM (OCP 3.11) based clusters.
- Structured IAM integration of IBM CPD with AWS SimpleAD.
- Wrote terraform scripts to deploy IBM Cloud Pak for Data and its services on AWS Cloud, Microsoft Azure or IBM Cloud.
- Utilizing scripts to develop AWS EC2 instances with public and private subnets and set out IBM Cloud on it.

Software Engineer Intern

Feb 2020-May 2020

IBM, San Jose, CA

Technologies: RedHat CodeReady Containers, Openshift 4.4, OKD 4, Kubernetes, Docker

- Performed installing IBM Cloud Pak for Data 3.0 on RedHat CodeReady Containers which uses a single node which behaves both as a master and as a worker node.
- Created local storage class on Openshift 4.4 version.

Sr. Full Stack Developer Intern

June 2019-Aug2019

IBM, Leawood, KS

Technologies: Kubernetes, Docker, Microservices, Flask, Jupyter Notebook, MongoDB, DB2, Machine Learning and AI

- Worked on IBM Cloud Private for Data product to build and deploy machine learning models on products utilizing docker containers and MongoDB databases.
- Designed a project for Slack curation to categorize queries of customers into different categories and displayed in UI using ML models, python scripts, microservices and UI technologies.

Software Engineer

Aug 2016-June 2018

Infosys Pvt Ltd, Pune, India

Technologies: C#, Java, .NET framework, CSS, JQuery, Javascript, Bootstrap, SQL Server, Oracle, Agile, ClearCase.

- Led as a front-end developer in agile team for development of AETNA and Pfizer projects over 2 years.
- Designed dashboard and other web pages of AETNA website leveraging languages like C# and .NET framework.
- Handled three applications of Pfizer single handedly and developed code for its enhancement in Java.
- Created stored procedures and functions in SQL Server and Oracle in order to implement business logic.
- Managed requirement gathering from various business stakeholders and compiled it to create logical design.
- Worked on technologies such as .NET MVC, Java and web technologies such as CSS, HTML 5, Bootstrap, JQuery, Node JS, JSON etc. for UI designing. Performed testing using unit test cases and integration testing.

ACADEMIC PROJECT:**Context Aware Decision Support Mobile Application**

June 2015-May 2016

Pune University, Pune, India

- Developed a mobile and web application for “Recommendation in The Domain of Hotels using Context Awareness Graph Based Recommender (CGR) algo” to provide personalized recommendations based on user’s interests, preferences.