

VIKAS CHAUBEY

◇ Mob: +1 (352)-870-4562 ◇ Email: vikas.chaubey391@gmail.com ◇ Github: github.com/vikas-chaubey

EDUCATION

Master of Science(M.S.), Computer Science

University of Florida, Gainesville, FL

August 2019 - May 2021

Aggregate GPA - 3.5

Bachelor of Engineering, Electronics & Communications Eng.

IPS-College of Technology & Management, Gwalior(M.P.), India.

October 2009 - June 2013

Aggregate GPA: 4

TECHNICAL SKILLS

Programming Languages and Frameworks

Database Systems

Distributed Systems

Architectures

Cloud & DevOps

Application and Web Servers

Version Control / Others

JAVA, JEE, Python, Spring , Spring Boot, Hibernate, Django

Mongo-DB, Cassandra, Elastic Search , Oracle DB , Mysql

Apache Storm, Kafka

Microservices, SOAP & REST Web Services

Microsoft Azure, AWS, CI , CD, Jenkins, VSTS, Docker

Apache Tomcat ,Glassfish, Apache Web Server , NginX

Git, Github, TFS , VSTS, Linux, Shell Scripting

INDUSTRY WORK EXPERIENCE

Total 4 years of industrial experience as Software development professional in IT industry And 1.5 years of work experience as software freelancer.

Software Engineer, Walmart Global Tech

Dec 2021 - Present

1) Control Tower (Monitoring Platform for Walmart distribution centers)

Role: Currently working on the integration and development of monitoring platform called control tower for Walmart distribution centers using technologies like Java, Spring Boot, Cassandra, Linux Shell , Docker and Walmart native platforms like OneOps, WNCP, Concord etc.

Research Assistant, University of Florida

June 2021 - Dec 2021

2) Department of Chemical Engineering

Role: Developed applications to read and process physical experimental data from electronic sensors to achieve maximum accuracy in experimental outcomes. Worked on platforms like Matlab.

Software Engineer, Infrd Pvt Ltd, Bengaluru, India

May 2017 - June 2019

3) VESTA Image Search Platform for real estate (Search property listings using images, ML based System)

Role: Developed optimized image search algorithms and REST based Image Search-APIs, Developed Storm topologies and elastic search queries for Data indexing in elastic search using MXNet classifier , Worked on DevOps and Deployment Roles such as creating CI/CD pipelines using VSTS,setting up Apache Storm and elastic search clusters using MS Azure.

4) Gimlet (Optical character recognition Platform for Receipts, Forms and Invoices,ML based System)

Role: Developed Rest APIs to process OCR'd text data to extract client specific information,Developed Queueing APIs to queue input data into kafka queues,Developed Storm topologies to process and OCR, receipts, invoices and form data,Product customization for new clients for their specific OCR needs , handled Cloud resources on AWS.

5) Property Condition (Real estate Property Condition Prediction from Property Images,ML based App)

Role: Led the team of 5 people during project development, Testing and deployment phases ,Developed Robust Storm topologies to classify images data (1 million images per day) using Inception based Classifier and index it in elastic search , Worked on DevOps and Deployment Roles such as creating CI/CD pipelines using VSTS,setting up Apache Storm and elastic search clusters using MS Azure.

6) Feedback loop Application (Application to automate machine learning classifier model training)

Role: Led the team of 4 people during project development, Testing and deployment phases ,Designed and developed Feedback loop application to automate training of classifiers on sufficient availability of feedback data to improve classifier accuracy and automatically deploy new models if accuracy improvements are achieved.

Software Freelancer, Kothari sons pvt Ltd , Gwalior , India

Dec 2015 - May 2017

7) E-Commerce Platform for clothing and apparels

Role: System development, Maintenance and support , Marketing and online advertisement.

Associate Software Engineer, Accenture , Bengaluru , India

Jan 2014 - May 2015

8) British Petroleum - ECM Solution Application

Role: Designed and developed application to automate the open text content server cluster health check process ,Developed Rest based APIs to add and retrieve documents from the Open Text Content Server repository.

ACADEMIC PROJECTS

1. **Machine Learning** : Implemented Object detection CNN with weakly supervised learning and Grad-Cam algorithm.
2. **Distributed Systems** : Implemented Gossip and Pastry Protocols , twitter API simulator, using F# and web sockets.
3. **Advanced Data Structures** : For City Planner System , implemented Minheap and RedBlack tree from scratch.
4. **Software Engineering** : Case Studies on software design and testing models such as TDD/TFD, MVQ Model, EaaS Framework , Cloud , MicroServices, CI/CD , IOT etc.
5. **Database System Implementation** : Implemented various fundamental components of database systems such as Heap file, Sorted heap file, Statistical estimation, B+ trees , and database operations.
6. **Computer networks** : Implemented packet monitoring using wireshark on UDP client - server sockets

STRENGTHS

1. A very good team player.
2. An effective communicator with good analytical, relationship and problem solving skills.
3. Keen to work in a challenging environment under work pressure.
4. Passionate to learn and explore new things.
5. Strong work ethics and attentive towards detail and precision.
6. Ability to achieve short term and long term objectives within given deadlines.