


Ping Nalongsone Danddank

Software Engineer Developer

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EXPERIENCE

Software Engineer Intern @ Infosys Limited | Jan 2020 - May 2020 | Phoenix, AZ

- Worked with a team step by step, helped design and development applications and implementation of Object-Oriented using core Java 8 or higher version, and implements Algorithms & Data Structures by Java Collections API.
- Assistant Database's team with using JDBC connect pooling to access the oracle Database.
- Get Trained by team with Restful API implement by Spring boot, Spring cloud and Microservices Architecture. Using DevOps tools, GIT, Jenkins CI/CD pipeline, Docker, Linux. Help design and code website content using Angular 8+, React.js, and HTML5, CSS3, JS.

Software Engineer Full-Time @ BeaconFire Inc | May 2022 - Now | Windsor, NJ

- Experience with Microservices project by using Spring frameworks to build a Restful API. Also Implement communication for each Services, Synchronous: Feign, RestTemplate. Asynchronous: RabbitMQ or Kafka.
- Experience Databases with SQL: MySQL, MS SQL. NoSQL: MongoDB, DynamoDB. And using JDBC and Hibernate to interact with SQL Databases to implement Transaction that following ACID principles for Restful API project. Also practice to implement Distributed Transaction Management by SAGA pattern for Microservices.
- Also Practice and experience with Cloud Service Technology, AWS: EC2, S3, RDS, ECS, Lambda for deployment of Restful API project through Docker and Jenkins. And Testing by JUnit and Mockito.

FEATURED PROJECTS

Predict Profits and Prices by Machine Learning [Code](#)

- Using Linear Regression of Machine Learning method and implement by Python and Numpy.
- One variable: to predict profits for a food truck. Considering different cities for opening a new outlet. Using this data to help you select which city to expand to next.
- multiple variables: to predict the prices of houses, and to predict what a good market price.

Search Videos On Youtube Api [View](#)

- This project is the single page that build by React.js. [Code](#)
- Fetch all data from YouTube API. this server less API that has been deployed to github page.

Working with Cloud Virtual Machines [Code](#)

- This is an Assignment from CS course: Distributed and Cloud Computing.
- Part 1 is Hosting a web site on an AWS EC2 instance.
- Part 2 is Data Analysis using SQL on a GCP Virtual Machine.

More Project show on my personal Website: <https://ping58972.github.io>

SKILLS

Languages

Java ,Python, Javascript, C/C++,
HTML/CSS, SQL, Object-Oriented
Programming, Design Patterns.

Algorithm & Data Structure

BTS, DFS, BFS, Trees, Graph, Recursion,
Dynamic Prog, Greedy Alg, Genetic Alg,
Bellman-Ford's Alg, Dijkstra's Alg, All
Pairs Shortest Path, NP-Complete.

Frameworks

Spring Boot, Spring Cloud, Hibernate,
JUnit, Mockito, Numpy, Panda, ,
React.js, Node.js.

Cloud Computing | Big Data

AWS: IAM, VPC, ELB, EC2, Lambda, S3,
EBS, EFS, RDS, DynamoDB; MongoDB,
MySQL, Oracle.

Machine Learning & Deep Learning

Supervised Learning: Linear & Logistic
Regression, Unsupervised Learning:
Neural Networks, .

Tools & Networking

Docker, Linux, Bash, Git, SketchUp,
AutoCAD, Revit, Rhino3D. Distributed
System, Socket, TCP, UDP, HTTP, IP.

EDUCATION

Metropolitan State University

2020-2022

Bachelor in Computer Science

GPA: 3.9/4 Saint Paul, MN, USA.

Work Authorized: STEM OPT

CERTIFICATE

- [Machine Learning.](#)
- [Deep Learning Specialization.](#)
- [Mathematics for Machine Learning Specialization.](#)
- [Software Engineer Machine Learning.](#)
- [AWS Academy Graduate](#)