

SHUBHAM GANGWAL

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SUMMARY

Passionate software development engineer with a strong background in backend development. Skilled in Java, Micronaut, Kubernetes. Excellent problem-solving, research, and collaboration abilities. Seeking a challenging role to develop cutting-edge solutions.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, Python, SQL

Libraries, Tools & Technologies: Kubernetes, Helm, Git, Docker, JUnit, TestNG, Micronaut, Kafka, Avro, Bash

EXPERIENCE

AppDynamics (Cisco) | Software Development Engineer

July 2019 – Present
Bangalore, IN

- Participated in the design and deployment of multiple microservices, managing production deployments and resolving on-call issues efficiently.
- Developed horizontally scalable microservices to enhance a real-time alerts system.
- Utilized Kafka Streams for robust data processing capabilities.
- Designed and implemented CRUD APIs for efficient configuration storage and retrieval.
- Created an operator framework to enable runtime log generation and facilitate the viewing of entries in Kafka state stores, significantly improving debugging efficiency.
- Led the end-to-end development and implementation of new features: "Healthrules on Events", "Caching for Baseline Data".

PROJECTS

Synthesis of Power Management Strategies for Low Power Design

Develop an algorithm for optimal scheduling to aid in power manager synthesis, addressing increasing power consumption in dense integrated circuits.

Discrete Event Simulation

A network simulator, which distributed the tasks related to different part of the network to different machines and performed distributed simulation using a conservative algorithm.

Text summarising using page rank algorithm

Create concise summaries of large texts using page rank algorithm, ranking the most important sentences, ensuring essence of the content is retained.

EDUCATION

IIT, Kharagpur

M.Tech. in Computer Science & Engineering

2019

Savitribai Phule Pune University

B.E. in Electronics & Telecommunication Engineering

2017

INTERESTS AND HOBBIES

Interests: Problem Solving, Algorithms, Development, Self-Hosting

Hobbies: Badminton, Table Tennis, Anime, Gaming, Working out