

UTKARSH SHUKLA

BACKEND
DEVELOPER

CONTACT

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ABOUT

I am a back-end developer whose passion is to handle different problematic scenarios. The ability to solve those problems gives me an edge in the development arena. Experienced at providing solutions and generating algorithms for complex tasks. I am always eager to learn different technologies. My aim is to work in a company where i can learn as well as excel and make a mark while i do so. I am regarded as a self-motivated and well organised team player, I am able to create flexible work environment with ability to deliver under minimal supervision and as a valuable contributor to the team.

SKILLS

- Developing REST APIs using Spring(Core,Boot,JPA).express JS (Node.JS).
- Integrating the IoT devices with Web services using Azure PaaS and IoTCloud components.
- Developing spark job using pyspark(Python).
- Having Strong problem solving skills and good knowledge and hands on over Data Structures and Algorithms.
- Developing Window Services to process telemetry data.

EXPERIENCE

TATA CONSULTANCY SERVICES

INFORMATION TECHNOLOGY CONSULTING COMPANY |
MAY 2019 - PRESENT

- Worked as a back end developer on an agile project based on IOT which support Multi tenant architecture.
- Developed REST APIs using spring framework (J2EE)(Spring Core,Boot,JPA and Hibernate) and Express JS along with Azure SQL Server for database (used PL/SQL also)
- Developed Spark jobs/Pipelines for real time data ingestion in Delta Lake (NO SQL) and visualization of real time data of IoT Devices in reports and Trend chart using Azure databricks platform in python(used pyspark also).
- Optimized various modules to increase the performance of Application and make Application Scalable to support More number of IoT Devices (Sensors,Raspberry pi) on Cloud .
- Developed Windows services to process telemetry data of IoT devices(Sensors).
- Worked on Azure PaaS (which includes IoT hub, Azure service bus,Event hub) and Azure blob storage.
- Developed Node.JS services used to read the telemetry from streaming source(Azure Event hub) and push the telemetry to web Socket.
- Performed Test driven development in Jest(for Node.JS) and in JUnit,Mockito(for spring framework).
- Worked on CI/CD tools like Jenkins,Docker.

ACADEMIC PROJECTS AND TRAININGS

2016 - APRIL 2019

- Developed a A modern web app(Emo music) that uses a pretrained model to recognize moods (Facial Recognition using CNN) from the webcam and plays songs accordingly.
- Developed a question and answer site(Enquire.io) for enthusiast programmers that help them to get answers to their toughest coding questions and sharing their knowledge in J2EE frameworks (JSP,Servlets)

EDUCATION

BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE

GLA UNIVERSITY, MATHURA | 2015 - 2019

CPI: 8.0

AWARDS

ON THE SPOT AWARD (TCS GEMS)

IN APPRECIATION OF OUTSTANDING CONTRIBUTION
TO THE TCS ORGANISATION.

30 JAN 2020