

# LAVISH YADAV

Software Engineer - II

Software engineer with 3+ years of experience in designing, implementing, testing, and maintaining enterprise software applications. Proficient in microservices-based backend REST API development. Highly motivated and sincere with a penchant for learning new technologies. Skilled in SpringBoot, Java, Data Structures, Algorithms, Docker and C++



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## WORK EXPERIENCE

### Software Engineer - II

UiPath

07/2021 - Present

- Worked on integration service platform dealing with 200+ vendors
- Responsible for end-to-end implementation of feature requests & bugs
- Managed multiple services from development to deployment
- Improved performance of core platform APIs by almost 40%
- Developed several connector elements exposing REST endpoints for clients
- Managed sprint activities as a scrum master following agile methodologies

### Application Developer

Thoughtworks

08/2019 - 07/2021

- Developed systems that serve 10+ vendors with dynamically populated data read from Kafka topics
- Designed and developed Microservices on SpringBoot (Java) following TDD
- Deployed Spring applications to Pivotal Cloud (PCF) via Jenkins pipeline
- Reduced build time significantly for applications by migrating build tool for codebases from Ant to Gradle.
- Extensively used Git for maintaining branches across multiple codebases

### Intern + Software Engineer

FICO

02/2019 - 08/2019

- Developed Rest APIs and Containerized Spring MVC applications using Docker
- Deployed the applications to Kubernetes and OpenShift clusters
- Automated the deployment of the software suite on K8s cluster via Helm Charts
- Setup Kubernetes cluster for on-premise and automated installation process via Ansible. Worked on AWS and Linux as well.

## EDUCATION

### M.Tech & B.Tech in Computer Science and Engineering

Jaypee Institute of Information Technology, Noida

07/2014 - 06/2019

CGPA: 8.1

### 12th CBSE Board

National Academy, Alwar

2013

Percentage: 87.4

## TECHNICAL SKILLS

### Languages

Java, C++, JavaScript, SQL

### Databases

MySQL, Postgres, DynamoDB

### Technologies

Git, Linux, Docker, Kubernetes, MVC Framework, AWS

### Libraries/Frameworks

SpringBoot, Hibernate, React, Log4j, JUnit, Mockito, Maven, Gradle

### Development Tools

IntelliJ, VS Code

### Miscellaneous

Data Structures & Algorithms, System Design, Design patterns & principles

## INTERESTS

Data Structures

Shell Scripting

Git

Docker

## PROJECTS

### Scrum Poker

- Scrum Poker is a fun way for agile teams to help sprint planning and build accurate consensus estimates. The application is built using React, SpringBoot and Typescript

### Moods

- An Android application that takes an image of the person as input and detects the mood of that person and based on that it gives the recommendation to the user for movies, events, places to visit, TV-series, music and videos all on one platform.

### Hotspots Detection for Spatial and Spatio-temporal Data

- Technology used: Python, Statistical Modelling, Machine Learning. Hotspots have been detected for Crime and Census data on the demographic region of India using Differential Evolution and Particle Swarm Optimization.

## PUBLICATIONS

- Published Research Paper titled "Circular and Cylindrical Hotspot Detection for Spatial and Spatio-temporal Data"

August 2019, IEEE Computer Society

- Published Research Paper titled "Crime Prediction based on Statistical Models"

August 2018, IEEE Computer Society

- Published Research Paper titled "Cricket Team Prediction with Hadoop: Statistical Modeling Approach"

August 2017, Elsevier, Procedia Computer Science