# Bhavya Srivastava

DATA **ANALYST** 

+91 9958116098

- bhavya311@gmail.com
- C-60D, Gangotri Enclave, Alaknanda, Delhi 110019

# **EDUCATION**

2017 - 2021

B.Tech (CSE)

IIIT-D (Indraprastha Institute of Information Technology, Delhi)

CGPA: 8.03

Relevant Coursework: Data Structures and Algorithms, Database systems, Machine Learning, Advanced Programming (OOP), Probability and Statistics, Linear Algebra, Mobile Computing, Privacy and Security in Online Social Media

## **SKILLS**

Languages Python, Java, Kotlin

Cloud AWS (Lambda, DynamoDB, Redshift, S3, Kinesis Firehose, SQS, IAM, CodeCommit)

Analytics SQL, Tableau, Excel, Python (Matplotlib, Numpy, Pandas, Scikit-Learn)

Others Unit Testing (JUnit), OOP, Dependency Injection, APIs (Backend)

## **INTERNSHIPS**

May - Jul 2020

**SDE Intern** 

Amazon, Hyderabad

Project: Built a data pipeline for an analytics platform from scratch. This system enabled reliable and real-time stream of data for analytics.

Technologies/Skills: Java, Dagger (Dependency Injection), OOP, JUnit, AWS (DynamoDB, Redshift, S3, Kinesis Firehose, Lambda, IAM, CodeCommit)

May - Jun 2019

Web Developer Intern

Complex Systems Lab, IIIT Delhi

Role/Work done: Created web platform RecipeDB for querying and visualization of gastronomical and recipe data from various cuisines.

Technologies: Python (Flask), HTML, CSS, Javascript, MySQL, Plotly, Git.

May - Jun 2018 •

**SDE Intern** 

Visit Health Services Pvt. Ltd (New Delhi)

Work done: End-to-End Unit and Integration testing of APIs, Bug fixing.

Technologies: Mocha.js, Node.js, Git, Postman

Feb - May 2021

**SDE Intern** 

Ukhi, New Delhi

Role/Work done: Built cloud-based web app to visualize supply chain of Ukhi's products on a map interface. Technologies: Node.js, MongoDB Atlas (cloud database), React.js

### **EXPERIENCE**

July 2021 - Present

#### SDE

Amazon, Hyderabad

Role/Work Done: Led end-to-end implementation of new API for creating/updating bookings placed by shippers on our online portal. This allowed integration with a new pricing engine that added analytics and machine learning capabilities and enhanced booking experience for shippers.

Also, worked on operational maintenance of systems, bug fixing, solving tickets. Wrote script to automate data backup of updates to DynamoDB table under certain constraints.

Technologies/Skills: Java, Kotlin, Python, JUnit, Guice, AWS (Lambda, DynamoDB, SQS), Brazil (Build system), CRUX (Version Control), Git, Pipelines (CI/CD).

# **PROJECTS**

## Strava Data Analysis

Analyzed data for exercise sessions of athletes on Strava to pinpoint privacy vulnerabilities. Created web app to visualize results.

Technologies: Python (Matplotlib, Numpy, Pandas), Flask, HTML, CSS

#### Posture reconstruction

Using Machine Learning to recognize posture of person using data from sensors placed on ankles, belt and chest.

Technologies: Python (Matplotlib, Numpy, Pandas), Flask, HTML, CSS

# **HOBBIES**

ReadingWa

Watching Football

Music

• Cinema and TV Shows