

# Aman Wats

## Back End Software Engineer



akwatz



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## EXPERIENCE

### WALMART GLOBAL TECH | BACKEND DEVELOPER

Dec 2021 – Current | Bangalore, India

- Did end to end validation for the API gateway migration.

### SAMSUNG RESEARCH INSTITUTE BANGALORE | FRONTEND DEVELOPER/SITE

RELIABILITY ENGINEER

June 2019 – November 2021 | Bangalore, India

- Worked on creation of plugin using **JavaScript** and **Node.js** for **SmartThings** app which allowed consumers to use the **phone keyboard** to interact with the **TV**.
- Worked on providing a visual representation to the customers to see their usage pattern and device statistics in a graphical format using **Chart.js**.
- Migrated monitoring server to **Prometheus** based system.
- Created process auto-fix bundle to solve process crashes while peak traffic using **Python** with boto3 module.
- Created CI/CD deployment pipeline using **Spinnaker** which drastically reduced deployment time from 8hrs to 45 minutes.

### SAMSUNG RESEARCH INSTITUTE BANGALORE | SOFTWARE TRAINEE

May 2018 – July 2018 | Bangalore, India

- Created Book Management System for the POC of Distributed SQL Database (CockroachDB) and deployed it on AWS.

## PERSONAL PROJECTS

### AMAZON CLONE | REACT.JS, NODE.JS, EXPRESS.JS, FIREBASE

2021

- Created fully functional Amazon Clone having Cart features, view and manage Orders with **React.js** and **React Context API**.
- Implemented **Login/Authentication** features using **firebase** and deployed it on the firebase.
- Implemented payment features using stripe API.
- Deployed backend using firebase functions, **express** and **node.js**, used **firestore** for database.

### FAKE NEWS DETECTOR | PYTHON, NLTK

2018

- Verifying text-hypothesis pairs based on shallow NLP features using Python and NLTK library.

## SKILLS

### PROGRAMMING

C++ • C • JavaScript • Java

### LIBRARIES/Frameworks

React.js • Node.js • Springboot

### TOOLS/PLATFORMS

Git • MySQL • CockroachDB • Prometheus • AWS

## EDUCATION

### JADAVPUR UNIVERSITY

BE(HONS) INFORMATION

TECHNOLOGY

July 2015 - May 2019 | Kolkata, India

Cum. GPA: 8.25 / 10.0

## COURSEWORK

### UNDERGRADUATE

Data Structure & Algorithms •  
Object Oriented Programming •  
Database Management  
Systems •  
Distributed Systems •

## ACHIEVEMENTS

Secured AIR 7289 among 700K candidates in JEE 2015

Secured AIR 432 among 300K candidates in WBJEE 2015