Aman Wats

Back End Software Engineer

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EXPERIENCE

WALMART GLOBAL TECH | Backend Developer
Nov 2021 – Current | Bangalore, India

→ Worked on **designing a system** where Walmart would be providing **Shipping as Service** to the partners using Walmart Marketplace.

→ Found and resolved a production issue where partners were exploiting sync apis. Placed throttling limit on partner basis for sync apis, while providing alternative solution.

→ Worked on migration of existing inventory service from VM based environment to Container based environment.

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

SAMSUNG RESEARCH INSTITUTE BANGALORE | Full Stack Developer
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 Distibuted 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 • Postman

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