





ASHUTOSH ROY

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 [GitHub Profile](#)

 [LinkedIn Profile](#)

CAREER OBJECTIVE

To never stop learning so that I can serve the organization to the best of my abilities and be able to make an impact.

PROGRAMMING LANGUAGES

Java
Python
Javascript
C/C++

FRAMEWORKS

Spring
Vue.js
Junit
Django
Angular
Ionic

CONCEPTS KNOWN

Data Structures
Algorithms
OOPs

TOOLS USED

Docker
Git
Jenkins
Eclipse
VS Code

CERTIFICATIONS

AWS : Going Cloud Native
Coursera

Python - Classes & Inheritance
Coursera

WORK EXPERIENCE

Simplify 3x Software Pvt. Ltd.

Software Engineer

Apr'21 - Present

Project : Anthem FIGRP

Technical

- Developed **Spring Boot Microservice** for user authentication and authorization feature using Ping Federate SSO using **Java 8** features and **OAuth**
- Developed an Integration with SharePoint to perform File I/O on Excel File uploaded in SharePoint using RESTful APIs
- Used **Kafka** for notifying the events across multiple microservices.
- Developed **stellar exception handling** for checked and unchecked exceptions
- Developed **Spring Microservice** for error logging and used **Spring Repository** for performing CRUD in **MongoDB** using Java 8 features

Testing & QA

- Wrote unit test cases (using **Junit Framework**) for mocking the code across multiple scenarios to ensure it meets quality standards before it's deployed.
- Worked closely with QA team to test the code from end user's perspective.
- Incorporated the suggestions for **SonarQube** and **Snyk** software for improving code quality

Software Engineer Intern

Nov'20 - Mar'21

Project : Simplify Assessment

- Used **Vue.js** to perform API integrations with our **Django** backend
- Configured the state management (**vuex**) by Vue.js which reduces the no. of HTTP requests sent to backend thereby increasing the performance significantly
- Developed **RESTful** APIs & Models in Django to manage the user data.
- Trained and managed a team of 3 people

CSDG Technologies Pvt. Ltd.

Apr'20 - Oct'20

Full Stack Web Developer Intern

- Added functionalities in front end such as social login, choose address, edit profile using Angular
- Created Client Side PWA app using **ionic** framework which uses **Capacitor** plugin to sign in the users & book the services as per their choice
- Created a **normalized SQL** database using Django Models for saving the data
- Integrated Razorpay payment gateway for enabling transactions

PROJECTS

PyDeMan - Python Dependency Manager



- Desc : A website that describes the info i.e., utility of package, syntax for install command, Github statistics i.e., (No. Of Pull requests / Stars / Forks), Author & License for the package
- It scrapes the information from pypi.org using Beautiful Soup 4 python package
- Tech Stack : HTML, CSS, Javascript, Bootstrap, Django,
- Other : Bootstrap, Amazon EC2, Beautiful Soup

Voluntaria



- Desc : A Volunteer Management System which makes it convenient for institution to organize the events, recruit and monitor the volunteers.
- Managed the user data in an SQL based normalized DB.
- Tech Stack : HTML, CSS, Javascript, PHP, SQL

ACADEMIC BACKGROUND

Bachelor of Computer Applications

Christ University, Bengaluru, India
GPA : 3.51/4

2018 - 2021

Higher Secondary Education

Julien Day School, Kolkata
Percentage : 89.4

2018

Secondary Education

Julien Day School, Kolkata
Percentage : 90.5

2016