Shashank Chandak

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EXPERIENCE

JOHN DEERE | SENIOR SOFTWARE ENGINEER
Aug 2020 – Current | Pune, India

- ➢ Developed CI/CD pipeline using Jenkins to automate the entire testing and deployment process.
- ➢ Leading the design & implementation of backend with event driven architecture involving various AWS components in the revamp of application.
- ➢ Digitization of physical loan agreement & signing process with e-stamping, e-sign from customers resulting in huge cost savings & reduced time for loan process.
- ➢ Contributed significantly in design & implementation of e-sign solution with components like lambda, fargate & dynamodb with AWS and azure.
- ➢ Developed fully customizable Notification API to send SMS, email and push notifications which is being used across various product teams.

In Prospect Technologies | SDE INTERN
Nov 2018 – April 2019 | Pune, India

- ➢ Worked on development of the android application and integration of various API for the mobile ERP solution.
- ➢ Developed a PDF generator to generate various reports with puppeteer in Node.js
- ➢ Worked on implementation of firebase storage and firestore to store & retrieve files and application data.

PROJECTS

JDFY | JOHN DEERE
AWS (Backend) + React js

- ➢ Upcoming comprehensive platform that simplifies sales via easy customer acquisition & simplified loan process.
- ➢ Worked on redesign & simplification of database from Oracle mysql to AWS dynamo db, also migrated data from inception having more than 5 miilion records.
- ➢ Integrated new relic for monitoring of entire application.

TRAFFIC RULES VIOLATION DETECTION | B.E PROJECT
Python + Deep Learing

- ➢ Developed an end to end autonomous system for detection of traffic rules violation like helmet violation and crosswalk violation using concepts like object detection and instance segmentation.
- ➢ Object detection was carried out by custom model on top of YOLO algorithm using transfer learning & crosswalk violation was done using mask R-CNN framework for instance segmenation.

AUTO SMS READER | VIIT
Android(Java)

- ➢ An android application that lets users read all incoming messages aloud automatically (text to speech). This was my first app published on Google Playstore with 10k+ downloads.

SKILLS

LANGUAGES

Java • C++
Python • Javascript

DATABASES

DynamoDB • MySQL

TOOLS/PLATFORMS

Git • Jenkins •AWS
Terraform• Docker • Azure

EDUCATION

PUNE UNIVERSITY(SPPU)
BE IN COMPUTER SCIENCE
2016-2020 | Pune
CGPA: 8.9/ 10

PUBLICATIONS

Research paper in IEEE
https://ieeexplore.ieee.org/abstract/document/9297495

ACHIEVEMENTS

- • AWS certified developer associate.
- • Google certified Android Developer.
- • Runners up at Smart India Hackathon 2019.
- • Won the budding talent award 2020 at John Deere.
- • Winner at State Level Swimming Competition 2019.

EXTRA CURRICULAR

- • Technical Content writing on MEDIUM.
- • Contributor at Stackoverflow.
- • Conducted workshops on Android at various GDG events