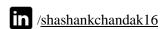
Shashank Chandak



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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 million 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/abstrac t/document/9297495

ACHIEVEMENTS

- <u>AWS certified developer</u> 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 <u>MEDIUM</u>.
- Contributor at <u>Stackoverflow</u>.
- Conducted workshops on Android at various GDG events