

Shailesh Kumar Jha

SOFTWARE DEVELOPMENT ENGINEER

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Summary

Currently working as a Software Engineer at Hashedin Technologies Pvt. Ltd. with overall 1.5 years of experience. B.Tech. in Information Technology. Software development engineer in delivery. Mostly worked on full-stack development of Web and Mobile Application including Cloud Technologies as well.

Work Experience

Hashedin Technologies Pvt. Ltd.

Bangalore, India

SOFTWARE ENGINEER

Feb. 2019 - PRESENT

- Currently working on implementing **Redis** functionalities while addressing to **Guava** dependencies.
- Worked on creating dashboard for monitoring various different **MySQL clusters** & creating a desktop application using **ReactJS** with **ElectronJS** and **AWS Cognito** Pool for authentication.
- Built mobile application using **React Native** and backend server using **Django** and deployed it on the **Heroku** Server for Mobile and Web application.
- Created features like **Live streaming data** and Latest Offers in the Mobile application while fetching data from **Firebase**.
- Developed an **AI model** for detecting pathogens from the palms using **AWS Rekognition** and **OpenCV** and **Tensorflow** in **Android Application** and building a dashboard as a monitoring application using **ReactJS** with **Typescript** and **Django** as the server with **AWS** services like **S3, Lambda, EC2, RDS** and **IoT-Core**.

ACM Summer School: Programming Language – Principles and Practice

Pune, India

STUDENT TRAINEE

Jul. 2018 - Aug, 2018

- Built a **Lexical Parser** using **C** programming language in order to built a **.l parser & .y interpreter** and use **bison** to generate the **byte code**
- Learnt **Scientific languages** like **F*, Gimple** and **LIVE** and **Functional Programming** languages like **Haskell** and **Generic**

Skills

Languages

Java (Proficient), Javascript (Intermediate), Typescript (Intermediate), Python (Beginner)

Frameworks & Library

ReactJS (Proficient), Redux (Proficient), ReactNative (Proficient), Angular (Intermediate), Spring Boot (Intermediate), Android (Intermediate), OpenCV (Intermediate), Django (Beginner)

Database

AWS RDS, Postgres, DynamoDB, Firebase, MySQL Redis, Guava

Tools and Other Technologies

Jira, Git, Mercurial, Bitbucket, Trello, AWS, Stencil, Docker

Projects

Pathspot

Mobile and Web Application

FULL STACK DEVELOPER

(06/2019 – 12/2019)

- **Description:** PathSpot is currently addressing a problem of food-borne diseases in the U.S. through unique hand scanner that detects contamination on hands. Its Beta version is installed at 50 customer sites with more than 300 food handling team members using the application.
- **Ownership:** I was responsible for developing feature like secured uploading data to S3 using AWS services from Mobile Application, and creating web-dashboard monitoring tool from scratch (FrontEnd and Backend).
- **Tech:** AWS IoT-Core, React with Typescript, Django, AWS S3, RDS, OpenCV for Java, Tensorflow
- **Key Deliverable:** It scans the hands of the employees' to detect pathogens that cause foodborne illnesses within 10 seconds. Monitoring Dashboard with deployment on EBS

Digiseafood

Mobile and Backend Application

REACTNATIVE DEVELOPER

(01/2020 – 02/2020)

- **Description:** Digiseafood.no is a Norway based startup company who is responsible for distributing Salmon across the sea and country. Our job is to create a Hybrid application which will be distributed to their clients.
- **Ownership:** I was responsible for developing an application for creating a negotiable tracker between the clients and Digiseafood.
- **Tech:** React Native, Django

Education

G L Bajaj Institute of Technology and Management

75%

B.TECH. IN INFORMATION TECHNOLOGY

Aug. 2015 - Jul. 2019

Achievements

AWS accreditation

Mobile Development in IoT, AWS Solutions Training for Partners: Machine Learning on AWS - Technical (Digital), AWS Technical Professional (Digital)

Hackerrank

6 Star Gold Medalist in Problem Solving