TORAB SHAIKH

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EXPERIENCE

Software Engineer
Helios Web Services   📅 Jun 2018 – Present

- End to end development of serverless IoT platform running on top of AWS.
- Research, development and retraining for Deep Learning models for various applications including Computer Vision.
- Contribution in all phases of the development lifecycle.
- Write clean, well designed and well optimized code.
- Integrate different software components.
- Worked on various low processing power and low memory edge computing devices.
- Awarded Excellent technical player of the year 2019.

PROJECTS

An IoT Platform   📅 June 2018 – Present
- An AWS Based IoT Platform which is used to develop various IoT based applications.
- **Role** - Add new features in the application and update the existing ones.
- **Technologies Used** - Angular 6+, NodeJs, AWS, Python and PostgreSQL

A group of OCR APIs   📅 Sept 2019 – Feb 2020
- An AWS API Solution to extract important information in an structured way from various types of documents.
- **Role** - Develop and Deploy the solution and Deep Learning model.
- **Technologies Used** - Python, Tensorflow, AWS, NodeJs, Google OCR and Bash

An Employees attendance system   📅 Sept 2019 – Present
- An Employees attendance and tracking system using multiple camera streams, Edge computing devices like Nvidia Jetson Nano and Google coral as well as PCs.
- **Role** - Develop and deploy Face detection and Face recognition system.
- **Technologies Used** - Python, Tensorflow, AWS, Docker, OpenCV, Image Processing and Bash

HOBBY PROJECTS

CloudNode
- Hosting and maintaining a Wordpress blog website.
- Researching and studying various technologies and writing blogs about it on the website.

OpenCiviWiki
- Made contributions to the repo to resolve some issues.

EDUCATION

Bachelor of Technology in Computer Science and engineering
Poornima University | Grade: 6.04/10
📅 June 2018   📍 Jaipur, India

CBSE GRADE XII
JNV Ujjain | 66.2%
📅 May 2012   📍 Ujjain, India

CBSE GRADE X
Jawahar Navodaya Vidyalaya | 7.4/10
📅 May 2010   📍 Jaipur, India

SKILLS

Languages - Python, NodeJS, C++, TypeScript, Java
Cloud Platforms - AWS, GCP(basic)
Frameworks - Angular2+, Tensorflow
Operating systems - Linux, Windows
Databases - MySQL, PostgreSQL
Tools - Docker, Visual Studio Code, Postman, Trello, BitBucket, Jira, Github, Bash
Version Control System - Git

ACHIEVEMENTS

- Secured **1st Position** in Poornima Inter hostel Chess Competition 2014.
- Secured **1st Position** in Poornima Intra Chess Competition Lakshya 2016.
- Secured **1st Position** in Himalaya Hostel Fest Sudoku Competition 2016.
- Secured **1st Position** in Himalaya Hostel Fest Chess Competition 2017.
- Secured **1st Position** in Poornima Intra Chess Competition Lakshya 2017.
- **Nation-wide winner** (with 3 Person Squad) for the Hackathon for the PwC Deep Learning Challenge 2017.