Akshay Shinde

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Skills:

Languages: Python, Javascript, Typescript, Swift, C# and C++
Other skills: React, Nodejs, REST, GraphQL, Docker, WebGL, OpenGL, A-Frame and Three.js
Native: iOS development

Work Experience:

Project Lead, HazAdapt   Summer Intern 2019
Corvallis, Oregon

- Developed an inclusive web interface using **React**, **Redux** and **Apollo client** for the emergency manager at Oregon State University, in collaboration with startup HazAdapt.
- Created the minimum viable product for Augmented Reality (AR) app HazAdapt which is on track to be adopted by OSU for emergency training and management on campus.
- Developed **GraphQL API** with **MongoDB** to provide real-time communications between emergency manager and students at OSU.
- Implemented geofencing functionality using **Mapbox** and **turf.js** to visualize the impact area of the emergencies on OSU campus.

Software Engineer, 100M technologies   Feb 2017 - Feb 2018
Mumbai, MH, India

- Developed and maintained the web platform using **React**, **Nodejs**, **Django** and **PostgresDB** for a social networking platform used by approximately 20 business and 600 users.
- Managed **AWS** instances for the deployment of the platform using **NGINX**, **PM2** and **Docker.**

Senior Analyst, Capgemini   Sep 2014 - Feb 2017
Hyderabad, TS, India

- Developed proof-of-concept for creating reusable jQuery components on the web which led to reducing development effort by 20%.
- Collaborated in creating and maintaining services using **.Net** framework for contract signing between businesses, currently used in the US by approximately 30000 retailers.

Projects:

- An **ARKit** 3 based **iOS** project to train first responders to tackle hazards like fire or earthquakes.
- A data-visualization project using **Three.js** to visualize the noise complaints in New York City during the New Year's Eve celebrations of 2016.
- An **OpenGL** camera system to create effects like motion blur, depth of field and lens flares.

Education:

B.E. Computer Engineering,   June 2014
Mumbai University, Mumbai, MH, India

M.S. Computer Science,   Intended graduation date: June 2020
Oregon State University, Corvallis, OR   (G.P.A.: 3.71)