

Avinash Sivaraman

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EDUCATION

ARIZONA STATE UNIVERSITY
MASTERS IN COMPUTER SCIENCE
Present - May 2020 | AZ, US

ANNA UNIVERSITY
BTech IN INFORMATION
TECHNOLOGY
Completed Dec 2016 | Chennai,
IND
Cum. GPA: 8.9/10.0

LINKS

Github:// [avinashsivaraman](#)
LinkedIn:// [avinash-sivaraman](#)
Twitter:// [@AvinashSivaram](#)

COURSEWORK

GRADUATE

Multimedia and Web Databases
Natural Language Processing
Mobile Computing

UNDERGRADUATE

Web Technologies
Data Analysis & Machine Learning
Knowledge Engineering
Operating Systems
Distributed System
Cloud Computing
(Research Asst. & Teaching Asst)
Unix Scripting and Internals
Web Technologies

SKILLS

PROGRAMMING

Java • Shell • JavaScript • C
HTML • Python • C++

FRAMEWORK

React • Redux • NodeJS • PHP •
HazelCast • Progressive Web Apps •
Open Stack • RxJS

Familiar:

React Native • Android • MySQL

EXPERIENCE

GOLDMAN SACHS | TECHNOLOGY ANALYST | FRONT END ENGINEER
Expected June 2016 – Jun, 2018 | Bangalore, IND

- Worked as the Front End Engineer in Trade Flow Optimization which manages the internal trade flow in Goldman Sachs Asset Management
- App-shell Architecture to improve the page loading performance
- Usage Pattern Analysis
- Improved the performance by 75% and reduced the bundle size by 82%
- Worked with React, Redux, Service Worker, Webpack

GOLDMAN SACHS | SOFTWARE ENGINEERING INTERN
May 2015 – June 2015 | Bangalore, IND

- End-to-End Testing for trade booking system
- Automation testing using JBehave

PROJECTS

DYNAMIC FAIRNESS SCHEDULING IN OPENSTACK | HEAD
UNDERGRAD RESEARCH | JAN 2015 – 2016 | CHENNAI, IND

- Presented a “Best Fit Scheduler” powered by Machine Learning models
- The live migration of instance to the efficient nodes to dynamically achieve the high throughput in Schedule. **Used - Python, Arima Time series model**

NEXTGEN SMART CLASS | HEAD UNDERGRADUATE RESEARCHER
Mar 2014 – May 2015 | Chennai, IND

- Android app where the professor and students can communicate in real time over the network
- Instead of mirror the professor’s app, we implemented the event based app which acts based on network events
- Performance is increased as the Network congestion is reduced **Used: Android Development, Network Programming in Java**

LOCATA | HACKATHON PROJECT | MAR 2016 | CHENNAI, IND

- Android app to show advertisement based on the user’s choice and the current location of the users **Used: Android , Google APIs, Google Analytics**

IRELIEF | HACKATHON PROJECT | MAR 2015 | CHENNAI, IND

- Blood bank management to send notification to the donor based on location **Used: Android , Google APIs**

AWARDS

- 2016 Headed as **Chairman in “ITRIX”**, an intercollegiate technical symposium
- 2015 Core member of technical team in “Kurukshetra”, UNESCO certified fest
- 2015 Active member of Linux Users Groups
- 2014 Supporter of Open Source Software and member of Free Software Association