

Arihant Sai Paruchuru

arihant95@gmail.com | [linkedin.com/in/arihant-sai](https://www.linkedin.com/in/arihant-sai) | <https://github.com/Arihant1467> | (669)-213-8942 | San Jose, CA

SUMMARY

Passionate graduate student, seeking Software Engineering intern positions where I can work on solving interesting problems and contribute to organization's goals.

EDUCATION

MS in Software Engineering, San Jose State University, CA, USA

[Aug,2018 - Current]

BE in Computer Science Engineering, Shri Vaishnav Institute Of Technology & Science, MP, INDIA

[Aug,2013 - July,2017]

COURSEWORK UNDERTAKEN

Enterprise Distributed System, Enterprise Software Platforms, Data Structures, Analysis & Design of Algorithms, Database & management systems, Theory of Computation, Computer Networks, Internet Security, Object Oriented Programming, Compiler Design

SKILLS

Programming Languages : C++, Javascript, Java, Python, Swift

Web Technologies : Node JS, React JS, Redux, PHP, REST, AJAX

Mobile Technologies : Android, iOS

Databases : MySql, MongoDB, Tinker Pop, SQLite, AWS Dynamo DB

Cloud Technologies: AWS, Heroku

Tools: JUnit, JMeter, Apache Kafka, Passport JS, Mocha JS, JWT, Git

Key Areas : Cloud Computing, Full Stack Development, Mobile Development, Data Structures & Algorithms

WORK EXPERIENCE

Software Engineer Trainee

HummingWave Technologies (Start-up)

[Sept,2017 - June,2018]

Project : [Kryptographie](#) : A Cryptocurrencies tracker app

Technologies : Java, Swift, Node JS, AWS Lambda, AWS Dynamo DB

- Developed a JAVA library which has ability to connect to almost any major cryptocurrency exchange and obtain user transaction's in a batch process from crypto exchanges. It resulted in reduction of network calls by 20%.
- Developed various Node JS Lambda functions which involved operations like calculating user's cryptocurrencies against similar users, batching and syncing of users transactions from various exchange accounts.
- Developed the iOS app using Swift 4 which resulted in better code structure and improved user interaction.

Software Engineer Intern

Softinator Tech Labs (Start-up)

[July,2016 - Oct,2016]

Project : [Mantra FM](#): Argentinian Radio Station

Technologies : Java, PHP, MySQL, Android, RTSP protocol

- Developed the native advertisement module for the android app [Mantra FM](#) which displays advertisements on the android app.
- Developed a PHP module which provides privileges to owner about what, when, who and on which screen to show the advertisement on the app. This module was effective in increasing its popularity and revenue.
- Developed advertisement fragment on the android app side using JAVA which is responsible to show advertisements on the app and also recognizes user clicks on the advertisement.

ACADEMIC PROJECTS

Project : HouseBooking, a replica of HomeAway Application (Web Application)

[Aug,2018 - Oct,2017]

Technologies : React JS, Node JS, Mongo DB, Redux, Apache Kafka, Express JS, JMeter, Mongoose

- Developed a cloud based solution using heroku, Apache kafka, mongo DB which allows users to post rental advertisements, booking the posted places and allowed the conversation between owner and the user..
- Used mongoDB which helped in improving search experiences on the website and used MySql to provide support for transactional services.
- Used connection pooling which allows access to app services upto 5k concurrent users.
- Used latest ES6 JS features like async-await, arrow functions, spread operators etc which results in faster debugging and improves code readability.
- Used JMeter for successfully testing the API's.

Project : Vehicle Renting Services, a replica of ZoomCars (Web Application)

[Feb,2017 - April,2017]

Technologies : Node JS, Android, MySQL, Cloudinary, Heroku, BCrypt

- Developed a cloud based solution using heroku, MySQL and Cloudinary service which allows users to post vehicle rental advertisements or book any vehicle.
- Used MySQL for providing transactional and relational services.
- Used regex and high order node js functions to provide fast search experiences on the mobile side.
- Used Firebase to provide messaging and push notification service.

Project :Auto YouTube

[July,2017 - July,2017]

Technologies : Python, CLI

- A Utility python command line application which takes url of the youtube video as input and downloads from the given resolutions available in your local disk.