



AKASH CHEKKA

SYSTEMS ENGINEER

PROFILE

I am a highly motivated individual with robust technical skills and familiarity in numerous cutting edge technologies aiming to work in good team by providing my best for the growth of the organisation.

SKILLS

Languages

Nodejs, Go, Python

Frameworks/Technologies

Hyperledger Fabric, Docker, React, React Native, GraphQL, AWS, serverless, Quantum Computing

Tools

MobSF, Postman, burpsuite, git

EDUCATION

RVR & JC College of Engineering

Electronics and Communication Engineering

- 2015 - 2019
- Graduated with 9.2 CGPA

Sri Chaitanya Junior College

12th Standard

- 2013 - 2015
- Secured 97.6%

Aditya Public School

Schooling

- 2004 - 2013
- Secured 9.5 CGPA

CAREER SUMMARY

Systems Engineer

TCS Bangalore | June 2019 to present

- Working as security analyst for Android, API, Web applications.
- Recommended efficient improvements in security systems and procedures.
- Analysed the technical feasibility of software prototypes.
- Designed and reviewed vulnerability testcases for APIs.
- Proposed various solutions for API and Web applications security assessment challenges.
- Designed and developed static report generation tools for the team.
- Developed a PoC for security portal on hyperledger fabric blockchain for storing vulnerable assessment data.
- Designed and developed APIs for fabric application and made use of Reactjs for frontend.
- Developed a MERN full stack application for security portal.

Blockchain Application Developer Intern

Skript Chennai | February 2019 to March 2019

- Worked with Hyperledger Fabric, Hyperledger Sawtooth, gRPC, docker technologies.
- Developed efficient chaincode on fabric, based on the requirements given by the clients.
- Developed APIs for fabric network.
- Developed a basic client server application with gRPC.

PROJECTS

Tetrad Squares

- Developed using Reactjs, Expressjs.
- Developed an algorithm to generate all possible magic squares by using date of birth.
- <https://tetradsquare.herokuapp.com/>

Virtual Reality Mobile Application

- Used React Native, React Viro, AWS Lambda functions, S3 bucket.
- Developed Android application and implemented drawer, stack and tab navigations.
- Implemented Virtual Reality feature using react viro.
- Supplied the required source data using AWS lambda functions and s3.

IoT sensor data storage on blockchain

- Used Hyperledger sawtooth, Docker, nodejs, ESP8266, DHT11 sensor.
- Developed transaction processor using nodejs.
- Made use of DHT11 sensor to get humidity and temperature data.
- Written nodejs scripts to send sensor data to sawtooth network.

ACHIEVEMENTS

- Finalist in Techgig's JIO blockchain hackathon.
- Finalist in Maharastra HackM hackathon.
- Won various prizes in college tech club on topic of Quantum Computing.

PERSONAL INTERESTS

- Technology enthusiast.
- Wrote blogs about my learnings and experiments on Blockchain security and application development.
- Stockmarket Investor.
- Philately and coin collection.

CONTACT INFO

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