

Siddarth Kannan

siddu.kannan@gmail.com | +1(319) 512-2286 | LinkedIn: <https://www.linkedin.com/in/siddarth-kannan-59a035b1/>

EDUCATION

Master of Science in Computer Science: University of Iowa

Aug 2018 - May 2020

Bachelor of Engineering in Computer Science: Anna University – SVCE

Aug 2014 - May 2018

CERTIFICATIONS

AWS Certified Cloud Practitioner: Amazon Web Services

Oct 2022

TECHNICAL SKILLS

Front-end Technologies: ReactJS , Angular (Proficient), JavaScript, HTML, CSS

Backend Technologies: TypeScript(Proficient), NodeJS(Proficient), Python3-Flask, Java

Version Control: Git and BitBucket

Programming: Python (Proficient), C/C++, SQL, R, SAS

Other: Android Studio, Jupyter Notebook, Windows Commercial, Mac OS, Linux, TCP/IP, IPv4, IPv6, BGP, Cisco Packet Tracer, GNS3

WORK EXPERIENCE

Software Developer II | Kaizen Analytix

Jan 2022 - Present

- Designed and developed views and reusable components using Angular and React. Leveraged packages such as highcharts and D3.js to visualize data through charts and ag-grid to display data in tabular form from backend APIs
- Performed Manual testing of Frontend Components using the TestBed(Angular) testing framework and on the backend using sinon, mocha and jasmine to increase code coverage to 73%.
- Worked with different environments in Agile SCRUM methodology, coordinated code merges using git and CI/CD (Azure devops).

Clients: Toyota Motor North America, IHS Markit and Kaizen Products

Software Developer I | HCL America Inc.

Feb 2021 - Jan 2022

- Created test plans and executed test cases on a daily basis in a multi-project environment. Performed Manual Testing of the products using chai, mocha and sinon frameworks and increased code coverage.
- Worked closely with the Team Leads in backend API development using typescript and assisted in SQL query development. Developed Components for the user interface using Angular Framework and implemented State management using NgRx. Utilized GIT software versioning control system and coordinated code merges.
- Collaborated Closely with Product Managers and maintained a document to track the issues addressed in the User Acceptance Test (UAT) meetings.

Client: Verizon Wireless

Software Engineer | CodeForce360

Jun 2020 - Oct 2020

Collaborated with product managers to develop customer-centric applications, finding requirements and completing the tasks assigned within the sprint. Built the User Facing Frontend modules of a website using ReactJS, HTML and CSS and backend RESTful APIs with Java and SpringBoot. Worked in a large team environment, managed and owned secure user portal development for client's website.

Graduate Assistant | University of Iowa

Aug 2018 – May 2020

Supervised and guided a class of students in a variety of courses for 2 years. Held weekly Office Hours and problem solving sessions. Graded problem sets, homework assignments and exams. As a Research Assistant I worked with my supervisor in investigating the Android Protected Confirmation API and developed various apps using the same.

INTERNSHIPS and PROJECT WORK:

• **Software Development Intern in Cisco Systems**

Jul 2019-Aug 2019

Automated data collection at the operations level using networking libraries like telnetlib(python) and parsed the data using the regular expression module in Python, to present output in a readable format.

• **Networking Intern | Vanco US LLC**

May 2019-Jul 2019

Configured customer-end routers and triaged first-level issues by the customer and Provided Tier3 Network support and assisted in monitoring of the company's global network.

• **Flight Booking Web Application.**

Designed and Implemented a web application to manage flight bookings with HTML, CSS and JavaScript Frontend, python3-flask backend and MySQL as the Database that kept track of flight occupancy and details.