# SIRPA VASUKI RAVICHANDRAN

+1 (214)-517-3355      sirpavr18@gmail.com      https://sirpa18.github.io/portfolio/      San Jose, California

https://www.linkedin.com/in/sirpa-vasukiravichandran/      https://github.com/sirpa18

## EDUCATION

| | | |
|---|---|---|
| MS, Computer Science | University of Texas at Arlington, Texas | Aug 2019 - May 2021 |

Course Work: Design and Analysis of Algorithms, Advanced software engineering, Cloud computing.

| | | |
|---|---|---|
| B. Tech, Computer Science | Sastra University, India | Aug 2010 - Jun 2014 |

Course Work: Data structures, Object oriented programming, Data Structures and Algorithms.

## TECHNICAL SKILLS

| | |
|---|---|
| Languages | Python, SQL, Java. |
| Web Technology | React, JavaScript, HTML, CSS, Typescript, Node JS. |
| Cloud Services | AWS, Microsoft Azure, GitLab, CI/CD, docker. |
| Databases | PostgreSQL, MongoDB. |
| Frameworks | Flask, LAMP, Laravel, REST API, MVC framework. |

## PROFESSIONAL EXPERIENCE

### Software developer, AT&T                                                        Mar 2022 - Present

- Developed a web application in React, Typescript, NodeJS, Python, HTML, JavaScript, CSS. The application is to automate the process of events flowing through various monitoring tools and process the data to create triggers or notifications.
- Designed an email alert system to outlook and integrated to backend.
- Experience releasing product features, coding design and documentation.
- Worked on backend queries with PostgreSQL (Object relational mapping) and maintained the database for production and internal testing.
- Hands on experience in Stack storm.
- Experience working on App Service in Azure.

Tech Stack: Python, NodeJS, JavaScript, ReactJS, Typescript, Azure.

### Software developer, Roswell Biotechnologies                                        Sep 2021 - Feb 2022

- Implemented Authorization and Authentication for users to the portal.
- Solid implementation of MVC structure in the application. Improved logging feature as per the client's requirement.
- Optimized performance for existing platform - cleaned up database for faster execution.

### Senior Associate, City Union Bank Ltd                                                2017 - 2018

- Developed web-based application using JavaScript, HTML, CSS, and python for an insurance company.
- Created forms and dynamic web pages.
- Improved internal features for the net banking facility in the backend using python, HTML, CSS.
- Involved in requirements design, development, and testing.
- Actively lead team discussion around code reviews, unit testing, and delivery of items.

### Associate, City Union Bank Ltd                                                        2014 - 2017

- Improved development productivity by 60% (across the team) by automating report generation features from data sheets and integrated with existing tools.
- Self-starter, Capable in debugging through a product outage, skilled in identifying performance bottlenecks, spotting anomalous system behavior, and figuring out the root cause of incidents, and analyzing data to derive insights.
- Maintained code repository for version control to increase workflow efficiency via Git.

## PROJECT HIGHLIGHTS:

### Mobile Application development (IOS) - Asgardia | *React JS | PHP | JavaScript*                Jun 2020

- Developed IOS application that helps operations such as creating or submitting assignments, managing assignment timeline by creating to-do items, viewing important announcements or course materials.
- Designed and deployed IOS app with user interface using HTML, CSS & JavaScript and backend using MySQL to store 100+ customer registration and submitting and managing assignment data.