

Sai Nikhil Yandamuri

<https://sainikhilyandamuri.github.io/>

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EDUCATION

- **San Jose State University** San Jose, CA
Master of Science in Computer Software Engineering. Jan. 2021 – Expected Dec. 2022
- **Manipal Institute of Technology** Manipal, India
Bachelor of Technology in Computer and Communication; GPA: 3.12 (7.8/10.0) Aug. 2014 – May. 2018

EXPERIENCE

- **Cerner Healthcare Solution Indai Pvt Ltd** Bengaluru, KA, India
Software Engineer July 2018 - Dec-2020
 - **Web Application for Agile Metrics:** Developed a a Web Application which shows Agile Metrics required for project manager. The dashboard consisted of Agile metrics such as cycle time, development time, testing time, throughput and turn around time for client issues.
 - **Automation in Infrastructure of Business Intelligence Solutions:** Develop and maintain software infrastructure of Business Intelligence solutions along with automation to reduce human effort and error. Configured and Automated the installation of Third Party Software Using Chef.
 - **Upgrading third-party software in Business Intelligence Solutions:** Upgraded third-party software such .Net Framework, Java to new industry standard releases to make appropriate use of latest features these thrid-party software provide.
 - **Security in Infrastructure of Business Intelligence Solutions:** Resolved OWASP Dependency Vulnerabilities and exploitable security vulnerabilities in source code of web applications using Fortify Static code analyzer (SAST).
 - **Presentation in Devcon 2019:** Presented about Intelligent Data Filler Tool in DevCon India 2019 (Cerner Annual Developer Conference)
- **Cerner Healthcare Solution Indai Pvt Ltd** Bengaluru, KA, India
Software Intern Jan 2018 - July 2018
 - **Intelligent Data Filler Tool:** Created a tool to insert required number of dummy data into the database as per the selected algorithm by the user using JAVA(backend) ,Bootstrap(Front-end), javascript.
 - **About the Tool:** The tool was able to update the required data with writing Insert Queries every time and delete the data that was created with using Delete Queries.
- **IMIMobile** Hyderabad, TS, India
Summer Intern May 2017 - July 2017
 - **KPI Dashboard:** Created various Dashboards in Tableau by using the various data analytic options provided within it such as graphs, KPI's for various client campaigns.
 - **Automation using Python:** Automated alerts using python where python was used to send E-Mails whenever required conditions are not satisfied.
 - **Collection of Datasets:** Worked on collecting the open source Datasets that are available that can be used in future to solve a particular problem.

PROJECTS

- **Book-List:** A MERN stack application which uses GraphQL as middle-ware. The application helps user to keep track of all the books the user plans to read/completed. **Demo, GitHub**
- **H-Rate:** An Android Application which is similar to Quora where uers can ask questions related to field of medicine and medical sciences. The user also has the ability to give feedback to the medical services the user has used in nearby location.

PROGRAMMING SKILLS

- **Languages:** Java, Javascript, SQL **Web Technologies:** HTML5, React, NodeJS, RESTful Web Services
- **Unit Testing:** Junit,Mocha JS,React Testing Library,ChefSpec **Build and Deploy:** AWS,Chef,Docker,GIT
- **Databases:** MySQL, MongoDB