

# SASI KANDURI

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## SUMMARY

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Graduate student in computer science, actively seeking internship opportunities. Experienced software professional, always willing to work on software development. Highly motivated, always striving for positive results and learning through new experiences.

## EDUCATION

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### California State University, Sacramento

*Master of Science in Computer Science*

**Aug. 2022 – Present**

*Sacramento, CA*

### CVR College of Engineering

*Bachelor of Technology in Information Technology*

**Aug. 2013 – Apr. 2017**

*Hyderabad, India*

## SKILLS

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**Languages:** Python, Java, C++, HTML/CSS, JavaScript, Php.

**Developer Tools:** Git, AWS, Docker, VSCode, Maven, Android Studio, Symfony, Tensorflow, pyTorch, Sql/NoSql databases.

## EXPERIENCE

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### Office of Water Programs, Sacramento State

*Graduate Student Assistant - Web Developer*

**July 2023 – Present**

*Sacramento, USA*

- Working on the development and maintenance of web applications that enable cost-effective solutions for protecting and enhancing water resources and public health.
- Majority of work includes full stack development with Python, ReactJs and MSSQL.

### Aaseya

*Software Engineer*

**Aug 2020 – Jun 2022**

*Hyderabad, India*

- Worked on web application development, database and requirement analysis for the judiciary services of the Ministry of Justice, Saudi Arabia.
- Incorporated APIs to integrate with external systems for data exchange.
- Worked on web development platforms to provide low code solutions for generic functionalities.

### JK Technosoft

*Software Engineer*

**Jan 2019 – Aug 2020**

*Andhra Pradesh, India*

- E-Pragati: State government organization of Andhra Pradesh for delivering/maintaining web based solutions for all government services.
- Worked on software development and database for Education and Real Estate applications for E-pragati.
- Had a stint as a salesforce developer building a CRM application for in-house operations and accounting at JK Technosoft.

## PROJECTS

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### Social Network | *Distributed Computing, AWS, Docker, Spring Boot, Encryption, React.*

- A web application with a distributed system design where the data does not reside at the web-app server but a third-party data server hosted on AWS. All traffic to/from the data server is end-to-end encrypted.
- The site has interactive user interface developed using reactjs and uses google authentication for users.

### Application for Brain Tumor Detection | *Deep Learning, Convolutional Neural Networks (CNN), TensorFlow, Python, ReactJs*

- Web application developed in ReactJs that can take MRI scan image and classify four three types of brain tumor with models trained on large datasets.
- Used basic MATLAB commands to retrieve/check raw data of images.

### Football Transfer Market | *NextJs, HTML/CSS, MongoDB*

- A web application connected to a transfer market database on MongoDB. It aims to present various insights from data and analyze different aspects of the sport including market values of players and showcases statistics.
- The website uses the NextJs framework for its modular design and server-side rendering.