

Vamsi Charan Adari

FULL STACK JAVA DEVELOPER · COMPUTER SCIENCE MAJOR · SOFTWARE ENGINEER

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Skills

Programming Languages : Java, JavaScript, TypeScript, MATLAB, jQuery, MySQL, SQL, HTML, CSS.

Web Technologies : Angular, React, Spring, SpringBoot, Struts, Hibernate, JSP, RESTful, JPA Repository, OAuth, JWT, Servlets, RabbitMQ.

DevOps : AWS, Jenkins, Puppet, Docker, Kubernetes, JUnit, Karate, Jasmine, Karma, Cucumber, Jira, Bamboo, Kibana, Git, GitHub, Bitbucket, Maven.

Work Experience

Charter Communications

St. Louis, Missouri

FRONT-END DEVELOPER

Nov. 2020 - Present

- Created a **Front-end app (Angular)** to generate promotion codes for spectrum products targeting users based on location, carrier and device.
- Upgraded a legacy application from **Angular 2 to 12** which checks internal and external databases for decision making during **Credit Checks**.

Crown Equipment Corporation

Dayton, Ohio

FULL STACK DEVELOPER INTERN

Jul. 2019 - Aug. 2020

- Developed 4 applications with **Angular 6,7, Type Script** and used **Java** for **Spring Boot 2.x, Spring 4.x** applications connected with **Oracle Database** and implement **RabbitMQ** framework to maintain asynchronous data transmission for emails, **JWT** token for security applications.
- Experience in using **AWS** for deploying Spring Boot applications using **AWS Elastic Beanstalk** and implementing **SOAP and REST APIs** to create endpoints for microservices configured with **JPA Repository** and write queries for complex operations in **SQL**.
- Write **Junit, Karate** for back-end testing and **Postman API** for endpoints and write **Karma, Jasmine** and **Cucumber** for front-end testing.
- Develop and deploy code in **BroadVision** and most works are on **JSP, XML** and **Struts**. Develop portlets in **Liferay** and deploy using **Maven**.
- Use **Jenkins, Bamboo** and **Kibana** for log tracking and application monitoring. Worked on **Agile, Kanban** and **Scrum** environments using **JIRA**

University of Dayton - Vision Labs

Dayton, Ohio

GRADUATE RESEARCH ASSISTANT

Jan. 2019 - Jul. 2019

- Created a **Full Stack application (React, SpringBoot)** which loads leaves, plants and flowers from the Firebase database for research activities.
- Experience in using postman to retrieve **REST** endpoints for performing various operations required for apps in **Microsoft HoloLens**.

University of Dayton

Dayton, Ohio

GRADUATE TEACHING ASSISTANT

Jan. 2019 - Jul. 2019

- Teaching students about advanced concepts, **Algorithms** and **Data Structures** in **Java** and **Python** and also prepared quizzes, graded assignments.

University of Dayton Information Technology

Dayton, Ohio

SOFTWARE DEVELOPER

Aug. 2018 - July. 2019

- Created **React** application connected with **Firebase** database for Conference Management System to schedule and organize conferences, events.
- Designed and coded **Digital Signage** layouts in **JavaScript** for E-Gauge Solar Panel on Campus helping people see statistics of energy generated.

Edwisely

Hyderabad, India

SOFTWARE DEVELOPER INTERN

May. 2018 - Jul. 2018

- Created a **Full Stack Application (React, Spring)** which uses chatbot responses, student grades, activities and generate insights in a pdf.
- Created **React** application for company landing page and used **Bootstrap** for the website to be responsive on different devices.

Education

University of Dayton

Dayton, Ohio

MASTERS IN COMPUTER SCIENCE - GPA 3.9/4.0

Aug. 2018 - Aug. 2020

- Working on **Android App Research** with **Dr. Tam Nguyen** and **Dr. Mary Fuhs** on creating and testing the **effectiveness of an adaptive e-book**.

Jawaharlal Nehru Technological University

Hyderabad, India

BACHELORS IN COMPUTER SCIENCE AND ENGINEERING - GPA 3.2/4.0

August. 2014 - May. 2018

- Former Technical Lead of **Innovation and Entrepreneurship Club**, organized **16 events**, trained **800+ freshman, sophomore students** to code.

Projects

PBTop Recommendation Engine - Full Stack Web Application

Dayton, Ohio

UNIVERSITY OF DAYTON

July. 2020 - Nov. 2020

- Created a **Top 10 - Recommendation Application** using **React** and hosted from **GitHub** using **Jenkins, Puppet, Docker** on AWS Instances.
Skills Used: React, Redux, AWS, Jenkins, Puppet, Docker, Selenium, Sass (Grid and Flex-box), Npm, GitHub, Trello.

Tasterbud Music Player - Android Project (Available on Play Store)

Hyderabad, India

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

Apr. 2017 - Mar. 2018

- Worked in an **Agile** environment where I redesigned the user interface of the native **Android** music player.
Skills Used: Android(v4.4+), SQLite, JUnit, Maven, Git, GitHub, Trello, Cloudinary, Crashlytics.