

VENKATA SIVASAI ALLU

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Career Objective

Passionate and results-oriented Full Stack Developer with expertise in both front-end and back-end development. Dedicated to delivering high-quality, scalable solutions that meet client needs and exceed expectations. Seeking to utilize my skills and experience to contribute to innovative projects and drive business success in a dynamic team environment.

Education

University of Louisiana at Lafayette

Aug 2023 - Present

*Master of Science (MS) - Informatics

Rajiv Gandhi University of Knowledge Technologies – Srikakulam, Andhra Pradesh

May 2022

Bachelor of Technology (ECE) – 9.53

Rajiv Gandhi University of Knowledge Technologies – Srikakulam, Andhra Pradesh

May 2018

PUC (MPC) – 9.4

Pratyusha Public School – East Godavari District, Andhra Pradesh

Apr 2016

S.S.C – 10.00

Technical Skills

Front-End	HTML, CSS, LESS, Bootstrap, JavaScript, FTL, Angular, ReactJS, Redux
Back-End	Python, Java Spring Boot, Microservices, Struts, Express*, Nodejs*
Databases	SQL, MongoDB
Others	Machine Learning, C Programming, R Language, SAP S4/HANA*

*Courses yet to be completed

Professional Experience

Graduate Research Assistant (GRA)

Aug 2023 – Present

- Collaborated with Dr. M. Hassan Najafi at the University of Louisiana at Lafayette, contributing to research endeavors in the field of machine learning.
- Applied expertise in STM32 board technology to spearhead a machine learning project, showcasing proficiency in hardware integration and algorithm implementation.
- Currently engaged in a cutting-edge agricultural machine learning project (ends in Apr 2024), leveraging analytical skills to address challenges and drive innovation in the agricultural sector.

Digital Specialist Engineer, Full Stack - Infosys Private Limited, Hyderabad, India

Sep 2021 – Jul 2023

- Work collaboratively with cross-functional teams to develop, implement, and maintain web-based software applications that meet client needs and expectations.
- Participate in requirement analysis and code reviews to ensure quality and scalability of software products.
- Developed a reusable component library that reduced development time by 30% and improved consistency across projects.

Internships

- Data Analytics and Artificial Intelligence - Intelligent Data Platforms - Cloud Platform **Jun 2021 – Jul 2021**
- IRC, CCBP Intensive 4.0 Tech Program - Full Stack Web Development **Jun 2020 – May 2021**
- Application Developer - Internship, NIT Warangal, India **Apr 2020 – May 2020**
 - Image Processing using FPGA
 - Technologies used - Verilog, MATLAB, and some part of C++

Self-Projects

Budget App - <https://shivabudgetapp.ccbp.tech/>

Jun 2020

Developed a responsive and user-centric Budget website for adding the items and expenses to the list within the user-declared budget value. Users can also change the budget amount or delete any item at any point of time and the respective fields get updated automatically.

Technologies: HTML, CSS, Bootstrap Flexbox, JavaScript

Responsive websites

Sep 2020

- Designed page using by following HTML structure elements like li, header, article, footer elements and different bootstrap components to show different sections in website
- Implemented responsiveness by using Bootstrap grid system and flex classes and CSS box model properties.
- **Technologies:** HTML, CSS, Bootstrap Flexbox
- **Food Munch:** <https://shivafoodmunch.ccbp.tech/> **VR Products:** <https://shivavr.ccbp.tech/>
- **Portfolio** : <https://shivaportfoliio.ccbp.tech/> **E-Commerce:** <https://shivaecommerce.ccbp.tech/>

Nxt Trendz (E-commerce Clone - Amazon, Flipkart) - <https://nxtrendz.ccbp.tech/>

Nov 2020

Implemented Nxt Trendz application, which is a clone for E-commerce applications like Amazon, Flipkart where users can login and can see list of products with search, filters, sort by, etc.

- Implemented Different pages and routes for Login, Products, Product details using React Router Components Route, Switch, Link, props, state, lists, event handlers, form inputs.
- Authenticating and authorizing users by taking username, password and doing login POST HTTP API Call and implementing filters by sending them as query parameters to product API calls.
- Persisted user login state by keeping JWT token in local storage, sending it in headers of further API calls to authorize the user.
- **Technologies:** React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication. (Username: rahul, password: rahul@2021)

Nxt Watch - <https://mynxtwatch.ccbp.tech/>

Jan 2021

Implemented Nxt Watch application, which is a clone for YouTube where users can log in and can see a list of videos like Trending, Gaming, saved videos, and can search videos and view specific video details, and users can toggle the theme (Light/Dark).

- Implemented Different pages like Login, Home, Trending, Gaming, saved videos using React components, props, state, lists, event handlers, form inputs.
- Authenticating by taking username, password and doing login post HTTP API Call.
- Persisted user login state by keeping JWT token in local storage, sending it in headers of further API calls to authorize the user.
- Implemented different routes for Login, Home, Trending, Gaming, saved videos, video item details pages by using React Router Components Route, Switch, Link.
- Redirecting to the login page if the user tries to open Home, Trending, Gaming, saved videos, video item details routes which need authentication by implementing protected Route.
- **Technologies:** React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication. (Username: rahul, password: rahul@2021)

Extra-Curricular

- Achieved Silver medal twice in Intra-University Cricket Tournament 2019
- Worked in the management sub-team of Team Sahaaya Mitra-the official poverty-stricken student support team of IIIT Srikakulam.

Achievements

- Achieved second prize from the Hon'ble District Collector of Krishna, in the event of "Project Expo" organized by RGUKT-Srikakulam. 2019
- Awarded with "Pratibha Puraskar" by Hon'ble Chief-Minister of Andhra Pradesh, India. 2016