Yesu Balla

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EDUCATION

Nxtwave Disruptive Technologies	**Jan 2023 - Ongoing**
Industry Ready Certification in Full-stack Development	

Samhitha Degree and PG College, Rajahmundry   **2017 - 2021**
BSc (Bachelor of Science)_Mathematics, Statistics, Computer Science (MSCs)
(67.0%)

Mega Junior College, Rajahmundry   **2015 - 2017**
Intermediate_MPC (55.0%)

Z P High School , Kakinada   **2013 - 2014**
Secondary School Of Certificate (8.3 CGPA)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js
Backend: Python, Express, Node.js
Databases: SQLite
Other skills: AWS, C++, Data Structures & Algorithms, Django /
Flask, Express(node), Flexbox, Git, Microsoft Power BI, MongoDB,
Next.js, OOPs, PHP, Redux

PROJECTS

Nxt Watch (YesuWatch.ccbp.tech)
Built the Nxt Watch application, modelled after YouTube, enabling users to log in, explore video categories such as Trending and Gaming, access saved videos, and search for specific content while adjusting the interface theme.
- Developed Login, Home, Trending, Gaming, and Saved videos pages utilising React components, props, state management, lists, and event handling.
- Facilitated user authentication with username/password input, login API calls, and maintained persistent login states using JWT tokens and local storage.
- Incorporated React Router components for distinct routes and protected access, redirecting unauthenticated users to the login page.

Technologies used: React JS, JavaScript, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication.

Nxt Trendz (ECommerce Clone - Amazon, Flipkart) (nxttrndsbyk.ccbp.tech)
Implemented Nxt Trendz application which is a clone for ECommerce 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 used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

Jobby App (byjobby.ccbp.tech)

Implemented Jobby App where users can log in and can see a list of jobs with search by Job title, filters based on Salary range and Employment type, etc

- Implemented different pages like Login, Home, Jobs, Job item details 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 client storage, Sending it in headers of further API calls to authorize the user.
- Implemented different routes for Login, Home, Jobs, Job item details pages by using React Router components Route, Switch, Link.
- Implemented filters and search text by sending them as query parameters to jobs API calls.
- Redirecting to the login page if the user tries to open Home, Jobs, Job item details routes which need authentication by implementing protected Route.

Technologies used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

Yesu Balla 3D_Portfolio (https://www.yesuballa.live/)

Developed an interactive portfolio website showcasing my projects and skills, designed to enhance my job search through innovative web design and functionality.

- Built a 3D environment using Three.js to creatively integrate a 2D site within a dynamic 3D scene via an iframe, providing a visually engaging experience.
- Developed a standalone React web app that incorporates CSS rendering techniques from Three.js to create a striking three-dimensional effect on HTML content.
- Focused on user experience, ensuring intuitive navigation and engagement through a visually appealing interface.
- Implemented a contact form using Nodemailer, enabling visitors to easily get in touch with me while ensuring a seamless communication flow.
- Incorporated real desktop experience sound effects, adding an interactive auditory element that mimics a true desktop experience, enhancing user immersion and engagement.
- Optimized the website for responsive design, ensuring compatibility and accessibility across different devices and screen sizes.
- Emphasized performance optimization, implementing lazy loading and asynchronous content delivery for faster load times and smooth user interactions.
- Integrated social media links and interactive elements, allowing visitors to quickly access and interact with my professional profiles and projects..

Technologies used: HTML, CSS, JavaScript, Bootstrap, React.js, Node.js, Routing, Three.js, TypeScript, REST API Calls, Local Storage.