Vamsi Marripudi

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EDUCATION

Nxtwave Disruptive Technologies   **Oct 2022 - Ongoing**
Industry Ready Certification in Full-stack Development

B.Tech, Alluri Sitharama Raju district   **2016 - 2020**
B Tech (Bachelor of Technology)_Electronics & Communication Engineering (ECE)
(6.3 CGPA)

Vijaya Bharathi Jr College, Kakinada   **2014 - 2016**
Intermediate_MPC (56.0%)

Sahithi public school, Kakinada   **2013 - 2014**
Secondary School Of Certificate (5.7 CGPA)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js
Backend: Python, Express, Node.js
Databases: SQLite
Other skills: Flexbox, Git

PROJECTS

Todos Application (todotaskvamsi.ccbp.tech)   A robust task tracking system with CRUD capabilities, crafted to simplify task management.
- Designed with HTML, CSS and Bootstrap to ensure a user-friendly interface for managing tasks.
- Dynamic UI updates through JavaScript event listeners and DOM operations for seamless CRUD operations.
- Secure task persistence through local storage methods, ensuring that tasks are never lost.

Technologies used: HTML, CSS, JS, Bootstrap

Nxt Trendz (ECommerce Clone - Amazon, Flipkart) (nxttrendzvamsi.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 (jobbybyvamsi.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

Twitter Clone-DB (https://github.com/vamsimarripudi/twitter-API-s.git)
The **Twitter Clone** is a backend application built with **Node.js**, **Express.js**, and **SQLite**, replicating the core features of Twitter.
- User registration, login, and JWT-based authentication.
- Create, read, update, and delete tweets.
- Manage followers, likes, and replies with relational consistency.

It includes secure user authentication (JWT), tweet posting, likes, replies, and follower management. CRUD operations are implemented across five tables — user, follower, tweet, reply, and like. Passwords are encrypted using **bcrypt.js**, and the API follows RESTful principles for easy integration with any frontend.
Technologies used: NodeJS, ExpressJS, REST Api's, CURD operations, SQL lite, JWT Token, bcryptJS, Postman,

CERTIFICATES

Generative AI Foundation Certificate

Gained foundational knowledge of generative AI concepts, including LLMs, prompt engineering, and responsible AI practices. Demonstrated practical skills in using Azure AI tools and real-world AI applications.

ACHIEVEMENTS

National Himalayan Trekking Cum Expedition SarPass-2025

Successfully completed the Sar Pass trek in Himachal Pradesh, demonstrating physical endurance, teamwork, and adaptability in high-altitude conditions. Gained valuable experience in goal setting, resilience, and navigating challenging terrains over a multi-day expedition.