

# VARKUTI SATHWIK REDDY

## Software Developer

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### SUMMARY

Aspiring **Software Developer** with hands-on experience in building scalable web applications using **React.js**, **Node.js**, and **Express.js**. Strong problem-solving skills coupled with a passion for writing clean, efficient code and continuously improving software performance. Demonstrates effective teamwork and clear communication in collaborative environments.

### EDUCATION

|   |             |
|---|-------------|
| <b>Bachelor of Engineering</b><br>Chandigarh University, Gharuan, Mohali, Punjab, <b>7.6 CGPA</b> | 2021 - 2025 |
| <b>Intermediate</b><br>Urbane Junior College, Nacharam, Hyderabad, <b>82.6%</b>                   | 2019 - 2021 |
| <b>Secondary School Certificate</b><br>St. Josephs School, Habsiguda, Hyderabad, <b>75.0%</b>     | 2018 - 2019 |

### SKILLS

**Frontend Development:** HTML, CSS, Bootstrap, JavaScript, React.js

**Backend Development:** Express.js, Node.js, RESTful API, FastAPI

**Database Management:** PostgreSQL, SQLite **Programming Languages:** C, C++, Python, Java

**Version Control & Collaboration:** Git, Github

**Software Development Concepts:** Object-Oriented Programming (OOP), Operating System, Computer Networks, Data Structures and Algorithms, Database Management Systems

### PROJECTS

#### VaultShare API

*Technologies: Node JS, Express JS, JWT Token*

- Engineered a secure, RESTful backend for a file sharing application using Node.js and Express, leveraging AWS S3 for scalable, durable, and cloud-native object storage.
- Built REST APIs for user authentication, expiring share links, password-protected downloads, audit logs/IP tracking, download limits, and email notifications for uploads, downloads, and expiry events.
- Designed RESTful architecture and deployed the app to a hosted environment for public access and testing.

#### AI Web Scraper

[Link](#)

*Technologies: Python, Streamlit, Selenium, BeautifulSoup*

- Developed an **AI-powered web scraping tool** using **Python**, **Streamlit**, and **Groq's LLM** for **prompt-based data extraction**.
- Integrated **Selenium** and **Bright Data's proxy browser** to manage **dynamic content**, **captchas**, and **remote page rendering**.
- Deployed the application on **Streamlit Cloud** with **secure API key management** and automated **HTML parsing** via **BeautifulSoup**.

#### Jobby App

[Link](#)

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

- Developed an all-encompassing job search platform, **Jobby App**.
- Designed pages for **Login**, **Home**, **Jobs**, and **Job item details** using **React components** and **event handlers**.
- Protected user information with **JWT tokens**, **REST API calls**, and **local storage**.
- Implemented **React Router** for **protected routes** and maintained **persisted login state**.

#### Nxt Trendz

[Link](#)

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

- Developed **Nxt Trendz**, an e-commerce application allowing users to log in and view a list of products with features such as search, filters, and sorting.
- Utilized **React Router** for navigation across multiple pages (Login, Products, Product Details) by implementing Route, Switch, Link components, props, state, lists, event handlers, and form inputs.
- Ensured **user authentication** by managing JWT tokens in local storage, transmitting them in headers for authorized API calls, and implementing filters with query parameters for product API requests.