

# Suresh Barika

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<https://github.com/SureshBarika>

## EDUCATION

<b>Rayalaseema University, Kurnool</b>	<b>2022 - 2025</b>
BA (Bachelor of Arts) _Economics (7.8 CGPA)	
<b>Govt Junior College, Kurnool</b>	<b>2020 - 2022</b>
Intermediate CEC (56.7%)	
<b>Zilla passed High School, Kurnool</b>	<b>2016 - 2020</b>
Secondary School of Certificate (78.0%)	

## CERTIFICATIONS

<b>Nxtwave Disruptive Technologies</b>	<b>Jul 2022 – Ongoing</b>
Industry Ready Certification in Full-stack Development	

## SKILLS

**Frontend:** HTML, CSS, Bootstrap, JavaScript, React.js  
**Backend:** Python, Express, Node.js  
**Databases:** SQLite, MongoDB  
**Languages:** English, Hind, Telugu, Kannada  
**Other skills:** DSA, C++, Git, Microsoft Power BI, Excel, Power Point, Word

## PROJECTS

### Generative AI Web Assistant ( [suryagenerative.ccbp.tech](https://suryagenerative.ccbp.tech) )

- Developed a generative AI web assistant named "**Riya**" for answering queries and casual interactions.
- Integrated advanced tools like **OpenAI, Gradio, LangChain, Hugging Face, and PlayHT**.
- Implemented responsive UI using **HTML, CSS, and JavaScript**.
- Enabled interactive features like **tooltips** and **dynamic icon-based learning summaries**.
- Project created during a **Gen AI workshop**, demonstrating full-stack AI integration and deployment.

### AI-powered personalized learning path generator ( [MCP project git link](#) )

- Developed an AI-powered learning path generator using Streamlit and Gemini 2.5.
- Integrated YouTube, Google Drive, and Notion via Pipedream using the MCP protocol.
- Built an async LangChain-based agent to coordinate tool actions and generate outputs.
- Enabled real-time user interaction with dynamic progress tracking and clean UI.
- Engineered modular backend with prompt templates, tool orchestration, and error handling.

### Nxt Trendz (ECommerce Clone - Amazon, Flipkart) ( [suryanxttrend.ccbp.tech](https://suryanxttrend.ccbp.tech) )

Created a modern e-commerce experience with a design inspired by Amazon and Flipkart.

- Implemented pages for Login, Products, and Product details with React Router, React components, and form inputs.
- Secured user data with JWT tokens, REST API calls, and local storage.

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