

Sukirth Singh Gaur

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EDUCATION

The LNM Institute Of Information Technology, Jaipur
Bachelor of Technology in Communication and Computer Engineering

Cgpa - 7.16
Aug. 2022 – May 2026

INTERNSHIPS

Web Developer Intern | *Karyteck Fastline Solutions Pvt. Ltd.*

- Engineered responsive web applications using React.js ecosystem and Framer Motion, implementing component-based architecture and smooth micro-interactions for enhanced user engagement.
- Delivered full-stack e-commerce solution (Teckhive) with integrated product catalog, shopping cart functionality, and customer management system to diversify company revenue streams using Shopify.
- Achieved measurable performance gains through Google Lighthouse optimization, implementing best practices in Core Web Vitals, accessibility standards, and SEO techniques.

KEY EXPERTISE

Languages: JavaScript, Python, C++, Bash
Backend: Node.js, Express.js, REST APIs, JWT Authentication
Databases: MongoDB
DevOps Fundamentals: Docker, Nginx, Linux, AWS EC2
Frontend: React.js, Tailwind CSS
Tools: Git, GitHub

PROJECTS

BlogIt Blogging Platform [Link](#) | *React.js, Node.js, Express, MongoDB, JWT, Docker, Nginx, AWS EC2, HTTPS*

- Designed and deployed a full-stack blogging platform with a containerized backend and frontend, implementing secure JWT-based authentication and role-based access control in a production environment.
- Built a Dockerized media upload pipeline that integrates Cloudinary via REST APIs, enabling scalable and efficient handling of user-generated images during content creation.
- Integrated a grammar-correction microservice using LanguageTool, deployed as a separate Docker container and accessed via internal REST APIs to provide real-time grammar validation during blog authoring.
- Provisioned and deployed services on AWS EC2, configuring Nginx as a reverse proxy with HTTPS (Let's Encrypt) to securely route traffic between the frontend, backend, and microservices.

DispLyrics [Github](#) | *HTML, Javascript, Python, Flask, Selenium, Chrome Developer Tools*

- Built a Chrome extension and Flask API to fetch and display song lyrics in Spotify, using Selenium and BeautifulSoup for web scraping, enhancing user experience.
- Enabled real-time DOM manipulation and API integration in a Chrome extension, injecting styled lyrics with JavaScript/CSS and managing state via Chrome Storage API.
- Developed a scalable Flask backend with CORS, automating headless Chrome to scrape lyrics, showcasing Python and robust error handling.

Weather Forecast Dashboard [Link](#) | *React.js, Vite, Javascript, Tailwind CSS, HTML*

- Built a responsive React-based application using Vite, TailwindCSS, and Lucide Icons, integrated with WeatherAPI for real-time data on temperature, humidity, wind speed, and forecasts.
- Implemented dark mode, hourly/daily forecasts, personalized weather-based recommendations, and an analytics dashboard with Recharts for visualizing trends and comfort levels.

ACHIEVEMENTS AND CERTIFICATIONS

- Solved over 350 DSA questions and achieved a rating of 1753 on Leetcode.
- An active blood donor and volunteer of the Blood Connect group since 2023

POSITIONS OF RESPONSIBILITY

Analog Lab Teaching Assistantship

Mentored junior B Tech students in the Analog Lab held in 6th semester in labs and doubt solving.