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## Summary

Final Year B.Tech student in Information Technology with experience in building AI-powered web applications and working on real-world projects. Known for being a fast learner and quickly adapting to new technologies, with a strong interest in solving complex problems and creating scalable solutions. Enthusiastic about learning emerging technologies and applying them to practical use cases.

## Skills

- **Programming Languages:** C, C++, Python
- **FrontEnd:** React.js, HTML, CSS, JavaScript
- **BackEnd:** Node.js, Express.js
- **Tools & Platforms:** Git, GitHub, Postman, Netlify, Vercel

## Projects

### PROFOUND-VETERAN TALENT FINDER

- Built an AI/NLP-powered expert discovery platform using React.js/Next.js, Node.js/Express.js, and MongoDB/PostgreSQL to identify domain experts with 10+ years of experience.
- Integrated GitHub API, Google Scholar, and ResearchGate, applying spaCy and HuggingFace Transformers for profile aggregation and experience extraction.
- Designed a confidence scoring algorithm combining experience, keyword relevance, and anomaly detection for accurate expert ranking.
- Developed a responsive, cross-device UI with modular components, microservices-based architecture, and category-based search, powered by low-latency RESTful APIs.
- Ensured GDPR compliance and deployed with GitHub version control for high availability and early adoption by 100+ users.

### DELICIA – RECIPE SHARING WEB APPLICATION

- Designed and implemented a scalable, full-stack web application for posting and exploring categorized recipes with **cross-device** compatibility.
- Developed a custom Python web scraper (Flask + recipe-scrappers) to extract structured data including ingredients, step-by-step instructions, and nutritional information (fat, sugar, calories) directly from recipe URLs, applying data parsing and automation best practices.
- Integrated Google Custom Search API with low-latency performance for real-time global recipe search
- Built a RESTful backend with Node.js/Express.js and MongoDB following modular architecture principles for efficient storage and retrieval.
- Implemented secure authentication with LocalStorage-based session persistence applying data security best practices.

### IBM QUANTUM JOB TRACKER

- Developed a full-stack web application to track and manage quantum computing jobs on IBM Quantum Cloud using React.js/Next.js, Node.js/Express.js and MongoDB/PostgreSQL.
- Integrated IBM Quantum REST APIs for real-time job status retrieval, queue-time monitoring, and quantum circuit execution results.
- Implemented secure IBM Cloud authentication and job history storage with modular, microservices-based backend architecture for scalability and maintainability.
- Designed interactive dashboards with data visualization for job trends, success rates, and queue performance using Chart.js/Recharts.
- Optimized API calls for low-latency responses and ensured seamless deployment with environment variable configurations and GitHub-based CI/CD workflows

## Internships & Experience

### CLOUD COMPUTING INTERN | EXCELR | MAY 2025-JULY 2025

Completed hands-on training in cloud platforms. Deployed, managed, and secured cloud-based applications while gaining practical experience in cloud architecture, scalability, and cost optimization.

### FULL STACK DEVELOPMENT TRAINING | CCC Academy | APRIL 2025 –PRESENT

Worked on real-time full-stack web projects simulating corporate environments. Developed applications using React.js, Node.js, Express.js, and MongoDB, focusing on building scalable, production-ready solutions with version control, .

## Milestones And Achievements

- Secured **Runner Up** Position in HackAP Hackathon (PROFOUND)
- Collaborated with cross-functional teams during hackathons and training projects, demonstrating adaptability, problem-solving, and strong communication skills in agile sprints
- Earned the **April LeetCode Badge** for consistent participation and performance in monthly coding challenges.

## Education

DEGREE	SPECIALIZATION	INSTITUTION	YEAR	CGPA
B-Tech	Information Technology	Gayatri vidya parishad college of engineering for women	2022-Present	7.87
Intermediate	physics,chemistry&Maths	Sri Chaitanya junior college	2020-2022	92.5
Secondary school	CBSE	D.A.V Centenary Public School	upto 2020	85.4

## Certifications

- NPTEL - DBMS Certification
- IBM – Project Management