

# Indhumathi chakrapani

Passionate and detail-oriented Software Developer with proficiency in Java, , JavaScript, Python and frameworks like React and Node.js. Skilled in building efficient web applications, working with databases, and delivering efficient solutions. Eager to contribute to a dynamic team and grow as a developer in a fast-paced, innovative environment.

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## EDUCATION

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University College of Engineering Kanchipuram, Anna University

B.E., Electronics & Communication

2019 - 2023

## PROJECTS

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### NutriFitPro - Nutrition Analyst Application

- **Developed NutriFit Pro :** A full-stack web application offering personalized fitness plans, including tailored diet, exercise, and mental wellness routines based on user profiles.
- **Tech Stack:** Built with React.js (frontend), Node.js with Express (backend), and MySQL (database), incorporating AI-driven recommendations.
- **Features:** Designed RESTful APIs for user data management, dynamic routine generation, and progress tracking. Integrated AI applications for personalized fitness insights, automated meal planning, and intelligent workout suggestions, including seamless yoga and meditation recommendations.

### E-Commerce Web Platform

- Developed a mini e-commerce platform using **Java, JSP, and JDBC**, enabling user authentication and product listing functionalities.
- Tech Stack: **Java, JSP, Servlets, JDBC, MySQL, Apache Tomcat.**
- **Features:** Designed dynamic web pages for product display, implemented user login, and integrated-secure database interactions using MySQL

## TECHNICAL SKILLS

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- Programming Languages: Java, JavaScript, Python
- Web Technologies: HTML, CSS, React.js, Node.js, Express.js
- Databases: MySQL, MongoDB
- Version Control: Git, GitHub
- Development Tools: VS Code, IntelliJ IDEA

## STRENGTHS

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- Strong analytical and problem-solving skills with a keen interest in learning new technologies.
- Excellent time management and ability to work in fast-paced environments.
- Passionate about coding, software development, and creating innovative solutions.

## Training

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Java Full-Stack Development Training

Apollo Computer Education – Chennai

Learned core Java, JavaScript, REST APIs, React.js, Node.js, and front-end technologies.

Developed mini projects to apply learned concepts in real-world scenarios.