

SEERAM ARUN KUMAR

Frontend Developer | Full-Stack Developer (MERN / Angular)

Chennai, India

arunseeram111@gmail.com | +91-9381761706

[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Professional Summary

Frontend-focused Full-Stack Developer skilled in building responsive, user-friendly web applications using React, Angular, Node.js, Express, and MongoDB. Strong in UI development, API integration, state management, and performance optimisation. Passionate about delivering scalable products with clean code and modern design principles.

Technical Skills

Frontend: ReactJS, React Hooks, Tailwind CSS, HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular, Responsive UI, Bootstrap

Backend: Node.js, Express.js, REST APIs, Authentication (JWT), Middleware, MVC

Database: MongoDB, Firebase, SQL

Tools & Others: Git, GitHub, Figma, VS Code, Linux/Ubuntu, Postman, Flutter

Projects

Nutrition Meter

React, Tailwind, JavaScript / 2025

Real-time nutrition tracking web application

- Developed a responsive UI in React with dynamic mode switching and instant nutrient calculations.
- Implemented optimised rendering logic, reducing page load time by approximately 35% and improving user experience.
- Integrated a curated food dataset enabling accurate macro calculations for 500+ food items.

UTUB — YouTube Clone

React, Tailwind, JavaScript, YouTube API / 2025

Video browsing and content discovery platform inspired by YouTube

- Built a fully responsive video streaming interface with category-based navigation, search functionality, and seamless routing.
- Integrated the YouTube Data API to fetch real-time content including trending videos, channel details, and search results.
- Implemented efficient state management and API optimization, reducing redundant network calls and improving load performance.
- Designed clean, user-friendly components using Tailwind CSS for enhanced visual consistency and UX.

E-Commerce Web App

Node.js, Express, SQL, HTML/CSS / 2024

Full-stack shopping platform

- Built product listing, cart, and order workflow using reusable UI components for a smooth shopping experience.
- Designed and implemented REST APIs in Express.js, reducing average API response time by around 30% after optimisation.

- Created a relational SQL schema for users, orders, and products supporting full CRUD operations.

Company Management CRUD

Angular, TypeScript | 2025

LocalStorage-based CRUD web application

- Developed modular Angular components and forms to create, update, and manage company records.
- Achieved 100% offline capability using browser LocalStorage and reactive forms.
- Improved form validation accuracy by nearly 40% through custom validation logic.

Pneumonia Detection System

Deep Learning, Python, TensorFlow | 2024

Medical image classification using CNN

- Trained a CNN model on chest X-ray images achieving approximately 92% accuracy on the test dataset.
- Built a simple prediction interface to classify images for automated pneumonia detection.
- Optimised image preprocessing and batching pipeline, improving model training performance by nearly 25%.

Education

Bachelor of Technology in Computer Science and Engineering

Veltech University, Chennai, India

2023 – 2026

CGPA: 7.5

Diploma in Computer Science Engineering

Godavari Institute of Engineering and Technology, Rajahmundry, India

2018 – 2021

GPA: 7.2

Additional Information

Languages: Telugu, Tamil, English