

Nikhil Madaravena

Front-End Developer | Tech Enthusiast | Open Source Contributor | Startup Enthusiast

Email: nikhil.madaravena@gmail.com

GitHub: github.com/Nikhil-Madaravena

LinkedIn: linkedin.com/in/nikhil-madaravena

Portfolio: [Nikhil | Portfolio](#)

Summary

Passionate front-end developer with a strong foundation in web development, UI/UX design, and interactive technologies. Experienced in building responsive, visually appealing, and high-performance web applications. Enthusiastic about open-source contributions, startups, and solving real-world problems with technology.

- Proficient in modern front-end frameworks, libraries, and tools, ensuring scalable and maintainable applications.
- Adept at collaborating with cross-functional teams, including designers and backend developers, to create seamless user experiences.
- Strong problem-solving skills with a deep understanding of data structures and algorithms.
- Experienced in version control, CI/CD pipelines, and cloud deployment solutions for efficient project management.
- Passionate about continuous learning, staying up to date with emerging web technologies and industry best practices.
- Contributor to open-source projects and active in technical communities.

Technical Skills

Category	Skills
Programming Languages	C, Java, Python, HTML & CSS, JavaScript
Frontend Development	React.js, Three.js, Chart.js, Framer Motion
Backend & Databases	Node.js, PostgreSQL
Mapping & Visualization	Leaflet.js, Globe.gl, D3.js
Version Control	Git, GitHub
Software Development	Design Patterns, Data Structures & Algorithms (DSA)
Development Tools	VS Code, Eclipse, IntelliJ IDEA, NetBeans
Design & Deployment	Figma, Netlify, Vercel

Operating Systems	Linux, Windows
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Projects

SyntaxError

Description: A programming resources website offering interactive tutorials and guides.

Tech Stack: HTML, CSS, JavaScript

Link: [SyntaxError](#)

ClinicPing

Description: A healthcare management solution that helps users find and book appointments with hospitals nearby.

Tech Stack: React, Node.js, Globe.gl, Leaflet.js

Link: [ClinicPing](#)

DoodleDelight

Description: An e-commerce platform designed for children's products.

Tech Stack: HTML, CSS, JavaScript

Link: [DoodleDelight](#)

NeoVision

Description: An advanced visualization tool for space objects and Near-Earth Objects (NEOs).

Tech Stack: Node.js, React, Three.js, Sass

Link: [NeoVision](#)

Achievements

NASA Space Apps Challenge Local Nominee

- National-level hackathon at Chandigarh University.

CODE4KITSW Winner

- C programming competition conducted by the technical club KITSW.

HackerRank Certifications

- Gold 6-star badge in C Programming
 - Silver badge in Java Programming
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Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Kakatiya Institute of Technology and Science, Warangal

2023 - 2027

Intermediate

SR Junior College

2021 - 2023

96.1% Aggregate

Schooling

Warangal Public School

2008 - 2021

82% Aggregate

Extracurricular & Interests

- Open-source contributions and community engagement
- Technical blogging and knowledge sharing
- Startup ecosystem and product development
- Competitive programming and algorithmic problem-solving

References

Available upon request.
