NIKSHEP C V

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Professional Summary

Dynamic Full Stack Developer with hands-on experience at Web Stack Academy, proficient in HTML, CSS, JavaScript, and modern frameworks. Adept in designing RESTful APIs and building responsive, user-centric applications. Demonstrates strong problem-solving abilities and a solid foundation in C, Python, and Java. Skilled in Artificial Intelligence, with experience in machine learning algorithms, neural networks, and AI-powered applications using Python libraries such as TensorFlow and scikit-learn. Capable of delivering intelligent, scalable full-stack solutions.

Technical Skills

Front-end Technologies:
HTML5, CSS3, Bootstrap, Tailwind CSS, JavaScript

Stack:
React, Python, Node.js, Express.js, MongoDB

Data Structures and Algorithms (Java):
Linked Lists, Stacks, Queues, Recursion & Backtracking, Trees & Graphs, Sorting & Searching, Dynamic Programming, Hashing & HashMaps, Bit Manipulation

Foundational Paradigms:
Object-Oriented Programming (OOP), Design Patterns, REST API Development, Document Object Model (DOM), Basics of Networking and HTTP

Development Tools:

- Platform: Ubuntu 22.04+ LTS

- Editor: VS Code

- Web Servers & Packages: Python, Node.js, Express.js, MongoDB Atlas, Mongoose

- Version Control: Git & GitHub

- Debugging: Chrome DevTools, Postman

Professional Experience

Web Stack Academy – Bengaluru (Remote)
Full Stack Developer & DSA Course
Nov 2024 – Present

- Designed responsive front-end interfaces using HTML and CSS

- Built and tested RESTful APIs using Node.js

- Managed SQL and NoSQL databases via ORM techniques

KEABIS Tech Pvt Ltd – Bengaluru
Web Developer Intern
Apr 2021 – Jun 2021

- Developed Android applications using Android Studio and Flutter

- Participated in training programs to strengthen core developer skills

- Built web forms with validation and user-friendly error handling

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Education

M.Sc. Artificial Intelligence
University of Huddersfield – UK
Graduated: Mar 2024

B.E. Information Science
Nitte Meenakshi Institute of Technology – Bengaluru, India
Graduated: Aug 2021

Projects at Web Stack Academy

Front-End Projects

1. Calculator
A responsive calculator with BODMAS logic for advanced operations.
Tech: HTML5, CSS3, JavaScript
Key Learnings: Operation order handling, responsive layout

2. Image Carousel
An image slider with transitions and responsive autoplay features.
Tech: HTML5, CSS3, JavaScript
Key Learnings: CSS animations, pause/resume logic

3. Music Player
Music player with track list, playback speed, and volume control.
Tech: HTML5, CSS3, JavaScript
Key Learnings: Time sync with audio, smooth volume/speed changes

React Projects

1. Weather Forecast App
Real-time weather forecasts using Open-Meteo & Nominatim APIs.
Tech: React.js, Vite, react-chartjs
Key Learnings: API integration, geolocation fallbacks, debounced search

2. FLICK-LIST – Movie Listing App
OMDB-powered app for browsing and managing movie watchlists.
Tech: HTML5, CSS3, JavaScript, OMDB API
Key Learnings: API search, state management, UX flow planning

Full Stack Project

Task Manager
A productivity app for managing tasks with categories and progress.
Tech: React.js, Node.js, Express.js, MongoDB
Key Learnings: Responsive grid layout, RESTful CRUD API integration

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AI & ML Projects

Character Recognition System
Used TensorFlow and Keras to recognize Devanagari script characters.

COVID-19 Detection using Machine Learning
Built predictive models using patient data for COVID-19 diagnosis.

Phishing Website Detection
Implemented an ANN-based model to detect phishing websites.

Certifications

- *Joy of Computing in Python* – NPTEL

- *C Programming* – IIT Bombay

Volunteer Experience

- Volunteer Mathematics Teacher – India Foundation for Education Transformation (Arunachal Pradesh)

Languages

English (Fluent), Kannada, Hindi, Telugu

Interests & Achievements

- University-level cricket and volleyball player; captained cricket team

- Passionate about tech trends and innovation in software development