

# Pradeepa C

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## PROFESSIONAL SUMMARY

Full Stack Developer with 6 months of experience in React, Node.js, Express, and MongoDB. Strong attention to detail, excellent verbal communication, organizational skills, and problem-solving skills. Proficient in building scalable web applications and RESTful APIs, collaborating effectively to deliver high-quality solutions.

## EXPERIENCE

### SMART WEB TECHNOLOGIES | FULL STACK DEVELOPER

08/2024 – 12/2024 | Coimbatore, India

- Deployed interactive Home, Login, Registration, and Pricing pages with 100% accuracy, integrating an AI assistant to read uploaded files and answer user queries using front-end languages like React, HTML, and CSS.
- Led sprints and ensured 100% timely delivery of features by applying strong project management skills and maintaining clean, scalable code.
- Built responsive web applications by connecting dynamic front-end interfaces with RESTful APIs, reducing the bounce rate by 25%.
- Enhanced web architecture by modularizing components and optimizing the Node.js and Express.js backends, improving speed by 30%.
- Delivered fast and accessible web design, cutting load time by 30% through efficient React Hooks and state handling.
- Secure authentication using JWT and Bcrypt, reducing vulnerabilities by 30% and maintaining 100% data protection.
- Enabled accurate AI responses by validating uploads and delivering 95% query accuracy from file-based inputs.
- Improved back-end response time by 40% through optimized MongoDB queries and indexing.

## PROJECTS

### REAL-TIME WEATHER APPLICATION | REACT | AXIOS | API

09/2024 – 10/2024 | kumbakonam, India

- Developed and deployed a real-time weather app using React, hosted on Netlify, boosting user engagement by 40% with a responsive UI and live updates.
- Integrated weather APIs using both the Fetch API and Axios, enabling reliable real-time data retrieval with 99% accuracy, while implementing error handling strategies that reduced API call failures by 20%, ensuring a smoother user experience.
- Built a responsive interface with HTML, CSS, and Bootstrap, improving mobile accessibility and cross-device compatibility by 30%.
- APIs tested using Postman to ensure smooth data flow, reducing back-end issues and improving response time by 15%.
- Optimized app performance by refining components and reducing load time by 25%, enhancing user interaction.

## LINKS

Github:// **Pradeepa7**

LinkedIn:// **pradeepacsekar7**

## SKILLS

**Programming Languages:** JavaScript, HTML, CSS

**Front End:** React.js, Bootstrap

**Back End:** Node.js, Express.js

**Database:** MongoDB

**Tools:** GitHub, RESTful APIs, Postman

**Other:** Netlify, Render

## EDUCATION

### GOVT. ARTS COLLEGE (A)

BACHELOR OF COMPUTER APPLICATIONS (BCA)

2022 – 2025 | CGPA: 9.12/10

### SRI K G S HR. SEC. SCHOOL

COMPUTER SCIENCE TOP SCORER

Grad. May 2022 | Cum Per: 89.4%

## VOLUNTEER WORK

### FIELD INVESTIGATOR

PUMS Sivapuram School, Kumbakonam, India | February 2025  
- Monitored SLAS exam with a stipend, ensuring data accuracy and protocol compliance.

## CERTIFICATIONS

### • Introduction to Backend Development

- Meta, Coursera | 12/2024

### • Programming in Java - NPTEL |

11/2023

## AWARDS

### • Prompt Engineering Recognition

- Awarded cash prize for Prompt Engineering, recognizing innovation and technical skills.

### • Technical Event

- Actively engaged in diverse campus tech events for practical exposure.