

KARTHIKEYAN

FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer with 6 months of hands-on experience in building responsive web apps. Proficient in front-end technologies like HTML, CSS, JavaScript, jQuery, Bootstrap, and frameworks like React and Angular. Skilled in back-end development using Node.js and Express, with strong database knowledge in MongoDB and MySQL. Passionate about creating clean UIs and writing efficient, scalable code.

PROJECT EXPERIENCE

1.Title: Ticket Hub

Domain: Travel

Technologies:Tkinter,Pymysql,Mysql,Pillow

Description:

A user-friendly Ticket Hub Application that allows users to search, select, and book tickets with ease. Built with a clean interface using Python and Tkinter, it connects to a MySQL database to manage bookings and user details. The app ensures a smooth booking experience with features like real-time availability and secure payment handling.

2.Title: Online Shopping Application

Domain: E-Commerce

Technologies:React,Node,Express,MongoDb

Description:

Developed a full-stack e-commerce platform using React, Node.js, Express, and MongoDB with secure authentication and order processing. Built a responsive UI, shopping cart, and admin panel for product and order management.Focused on high performance, scalability, and seamless API integration for a smooth shopping experience.

3.Title: Climate Forecasting

Domain: Weather

Technologies: Tkinter,Mysql,Api,Pillow,Pymysql

Description:

Built a Weather Forecasting app using Python and Tkinter for a simple and intuitive user interface.It fetches real-time weather data from the OpenWeatherMap API and displays temperature, humidity, and wind speed.Users can enter a city name and quickly view current weather updates.Designed for a responsive and user-friendly experience.

4.Title: Netflix

Domain: Entertainment

Technologies: Tkinter,Mysql,Cv2,Pillow,Pymysql,Os

Description:

This Netflix is built by using Python with Tkinter for the user interface and OpenCV for visuals. It allows users to browse and stream movies using the VLC media player.

The app has a simple layout where users can select and play movies just like on Netflix. It offers a smooth movie-watching experience within a desktop application.

ROLES & RESPONSABILITY

- **Front-End Development:** Developed responsive, interactive UIs using React, Angular, HTML, CSS, JavaScript, jQuery, and Bootstrap for seamless user experiences.
- **Back-End Development:** Built scalable server-side applications using Node.js and Express, handling routing, logic, and API development.
- **Database Management:** Integrated and managed MongoDB and MySQL databases, designed schemas, and performed CRUD operations
- **Version Control & Collaboration:** Maintained clean, modular code and used Git/GitHub for version control and team collaboration.
- **Active Participation in Agile Ceremonies:** Attend daily stand-ups, sprint planning, sprint reviews, and retrospectives. Provide updates on progress, blockers, and deliverables.
- **User Story Implementation:** Understand and implement user stories based on business requirements. Estimate story points and ensure timely delivery within the sprint.

EDUCATION

LIVEWIRE Software Training Institute-Salem
Course-Full Stack Development

AVS College of Arts & Science, Salem
Bachelor of Computer Science
CGPA : 7.9

SOFT SKILLS

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| • Agile | SDLC | User Stories | Sprints | STLC |
| • Burndown Chart | Defect Mangement | | | |

ADDITIONAL

- **Certifications & Training:** Programming Languages Certification in TCDS Center, Web Development in IPCS Global
- **Awards:** Received awards for being the overall topper of the department in the 2nd,3rd and 5th semesters, demonstrating consistent academic excellence and dedication.
- **Interned** for 1 month at IPCS Global, focusing on WordPress development, gaining hands-on experience in website design, customization, and content management.
- **Overall Championship Winner – Cultural Fest 2024:** Led and participated in multiple cultural events with my department team, contributing to winning the overall title.