Abhishek K R

Front-end Developer / Gen-AI Developer

abhishek636kr@gmail.com
Tirupattur , Tamilnadu , India
6383221055
Open to Relocate, Open to Travel, Open to On-Site
GitHub
LinkedIn Profile

Professional Summaries

Front-End Developer with proven experience designing and developing **responsive, high-performance web applications** using **HTML5, CSS3, JavaScript, React.js**, and **MERN stack** technologies. Successfully improved **app performance by 30%** during internship at **EDU Tantr** through optimized code and feature implementation. Developed and deployed **full-stack projects** including an **e-commerce platform** with **Firebase Authentication** and **real-time Firestore integration**. Skilled in **MySQL, MongoDB, Node.js, Git, and CI/CD pipelines**, with a strong focus on **UI/UX optimization, scalability, and cross-device compatibility**. Committed to writing clean, maintainable code and delivering user-centric digital solutions.

Work Experience

Full Stack Developer Internship • EDU Tantr • Bangalore , India — May '25 – Jul '25

- Contributed to development and maintenance of live web applications using **React.js, Express.js, and MongoDB.**
- Collaborated with the development team to implement new features and fix bugs, enhancing application performance.
- Created a MERN Stack-based e-commerce web app during internship, integrating Firebase Authentication and Firestore database, which reduced load time by 40% and enhanced user data synchronization.

Python Programmer Internship • Besant Technologies • Chennai, India (Remote) — Oct '25 – Present

- Undergoing intensive training on **Python programming, object-oriented design, and application development** under professional mentorship.
- Gaining hands-on experience with **core Python**, **OOP principles**, **APIs**, and **data structures** to build efficient and maintainable code.
- Enhancing problem-solving and analytical skills by working on **real-world projects (Game Application: Rock, Paper, and Scissor**) under professional mentorship.

Data Science Internship • Adroit Technologies • Chennai, India (Remote) — Dec '25 – Jan '26

- **Data Preprocessing & Cleaning:** Expertise in handling missing values, parsing JSON data, text normalization, and feature extraction from complex datasets (e.g., TMDB 5000 Movies Dataset).
- **Exploratory Data Analysis (EDA):** Proficient in using Python libraries (pandas, matplotlib, seaborn) to uncover patterns, visualize distributions, and derive actionable insights from data.
- **End-to-End Project Development:** Successfully led the complete lifecycle of a Movie Recommendation System—from problem definition and data collection to deployment.

Skills

Programming Languages & Front-End Frameworks: JavaScript, HTML5, CSS3, React.js
Back-End Technologies: JSON, Firebase, Superbase Database
Databases: MySQL, MongoDB, SQL Queries, NoSQL
Tools & Version Control: Generative AI, Git, GitHub, VS Code, Postman
AI Tools: Github Copilot, Claude, Lovable, ChatGPT, DeepSeek, Emergent, Gemini
Languages: Javascript, Python

Projects

Personal Portfolio Website | Link — Mar '25 – Jul '25
Personal Project

- Designed and developed a responsive portfolio website using HTML, JS and CSS to showcase projects and technical skills.
- Implemented dynamic content loading and optimized user experience across devices, increasing visitor engagement.

Jarvis E-commerce Website | Link   Jul '25 – Oct '25
Academic Project

- Designed and developed a responsive full-stack e-commerce website using HTML, CSS and JavaScript with Firebase (Firestore) as the database. Implemented product catalog, client-side cart, checkout flow, order management and admin dashboard; optimized UI for mobile and desktop and improved load performance and accessibility.
- Integrated Firebase Authentication for email/social sign-in and role-based access control, and used Firestore real-time listeners to sync carts, stock levels and order status across devices. Added order persistence, user order history, address management, and secure client/server interactions

Expense Tracker | Link   Aug '25 – Oct '25
Personal Project

- **Built a full-stack Expense Tracker web app** using React, Tailwind, and Supabase to manage income, expenses, and budgets with secure authentication, CRUD operations, and offline-first support.
- **Integrated interactive dashboards and charts** for real-time spending insights, budget adherence, and monthly trend visualization, ensuring accuracy with validation, sanitization, and locale-aware currency/date handling.
- **Deployed to production with CI/CD pipelines**, optimizing performance through lazy loading, memoization, and efficient state management while ensuring reliability with unit and integration testing.

Jarvis - AI Assistant | Link   Oct '25 – Dec '25
Personal Project

- **Developed a full-stack AI chatbot application** using Python Flask and Google Gemini 2.5 API with real-time streaming responses, implementing user authentication (Flask-Login), SQL Alchemy database for chat history persistence, and RESTful API endpoints for seamless frontend-backend communication.
- **Built responsive web** interface with HTML/CSS/JavaScript featuring multiple chat modes, admin dashboard for user management, and dynamic UI components; deployed HTTP server with security headers (X-Frame-Options, XSS-Protection) and CORS configuration for cross-origin access.

Education

Thiruvalluvar university vellore , Tirupattur , India | Bachelor's Degree   2023 – Present
BSc Computer Science (Final Sem)

- **Relevant coursework:** Data Structures, Web Development, Database Systems, Software Engineering.
- **Final Year Project:** Designed and developed a **Full-Stack E-commerce Website** integrating **Firebase Authentication**, **Firestore Database**, and **real-time product management**, improving **load speed and accessibility.**

Certifications

Gen AI for Frontend Developer | Coursera   Oct '25

MERN Stack Internship | EDU TANTR   Jun '25

Python Internship | Besant Technologies   Nov '25

Gen AI Powered Data Analytics | TATA Forage   Oct '25

Introduction to MongoDB, AI, and Vector Search | ITC Academy/MongoDB   Aug '24

MongoDB Atlas | MongoDB   Jul '24

MongoDB and the Document Model | MongoDB   Jul '24

Full Stack Developer | Simplilearn /Skillup   Jun '25

Introduction to Front End Development | Simplilearn / Skillup   Jun '25

Code Generation with Generative AI | Simplilearn /Skillup   Oct '25

Introduction to MERN Stack | Simplilearn / Skillup   Jun '25

Generative AI Mastermind | Outskill   Aug '25

Ai Foundation associate | ORACLE University   Jul '25

Technology Job Simulation | Deloitte   Oct '25