Abhishek K R

Front-end Developer / Gen-AI Developer

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◇ 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   May '25 — Jul '25
EDU Tantr   Bangalore , India
- 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   Oct '25 — Present
Besant Technologies   Chennai, India (Remote)
- 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   Dec '25 — Jan '26
Adroit Technologies   Chennai, India (Remote)
- **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, Personal Project Link   Mar '25 — Jul '25
- 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, Academic Project Link   Jul '25 — Oct '25
- 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, Personal Project Link   Aug '25 — Oct '25
- **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, Personal Project Link   Oct '25 — Dec '25
- **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

Bachelor's Degree in BSc Computer Science (Final Sem), Thiruvalluvar university vellore   2023 — Present
Tirupattur , India
- **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