Arun A

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○ GitHub   ⊕ Portfolio

Summary

Computer Science undergraduate with hands-on experience in full-stack development using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in building responsive interfaces with React, Tailwind CSS, and Bootstrap. Backend expertise includes Node.js, Express, and RESTful APIs with a focus on security and performance. Projects include payment integration (Razorpay), authentication systems, and admin dashboards. Experience with MongoDB and Firebase for data management. Skilled in deploying applications on Vercel, Netlify, and Firebase. Additional work includes FastAPI and Retrieval-Augmented Generation (RAG) for AI-driven systems. Comfortable using Postman, Git, GitHub, and Figma for development and collaboration.

Education

Sri Shakthi Institute of Engineering And Technology   *Sept 2023 – Aug 2027*
Bachelor of Engineering in Computer Science and Engineering
Coimbatore, India

Gandhi Vidhyalaya Matric Higher Secondary School   *June 2021 – Apr 2023*
Higher Secondary - Computer Science
Tirupur, India

Technical Skills

Languages: JavaScript, Java, C, HTML, CSS, Python

Frameworks: React.js, Redux, Node.js, Express.js, Tailwind CSS, Bootstrap, FastAPI, Transformers

Databases: MongoDB, MySQL, PostgreSQL

Tools & Technologies: Postman, Git, GitHub, Docker, Figma, Firebase, Microsoft Excel, PowerPoint, RAG

Platforms & IDEs: PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA

Deployment: Vercel, Netlify, Render

Projects

Falo AI ⬈   *Dec 2024 – Mar 2025*
Flutter, FastAPI, Python, LLMs, RAG
- Built a misinformation detection system that checks user input and identifies harmful content using a retrieval-based method
- Created a chatbot interface for mobile that helps users interact easily and understand the results clearly

DarkCart ⬈   *Mar 2025 – May 2025*
MongoDB, Express.js, React.js, Node.js, Razorpay, Postman
- Made a full-stack shopping website with product pages, cart functions
- Set up an admin panel where products, users, and orders can be updated easily

Travella ⬈   *May 2025 – June 2025*
React.js, Tailwind CSS, Firebase (Auth & Firestore)
- Created a travel planner that suggests trips based on user interests and upcoming events
- Built a simple user interface that helps people plan their travel step by step

Coursework

- Built responsive applications and understood client-side and server-side architectures
- Studied data structures, algorithms, OOP, operating systems, networks, and system design
- View complete coursework and projects at [CourseWork Profile](#) ↗

Achievements

- Secured 12th place at the HackerEarth TruthTell Hackathon (April 2025) by building a misinformation detection system, presented at the national finale
- Completed NPTEL Java Programming and GitHub Foundations Certification

Additional Information

Certification & Training: Web Development (Udemy)

Languages: English, Tamil