

Adarsh B

LinkedIN : <https://www.linkedin.com/in/adarshbalan/>

Github : <https://github.com/Adarshxox>

Email: adarshbalan214@gmail.com

Mobile: +91-7025321186

SUMMARY

Python Full Stack Developer with experience in building scalable web apps using Django, React, and REST APIs. Skilled in user authentication, CRUD operations, and Docker-based deployments. Backed by strong CS fundamentals, Agile collaboration, and hands-on projects in e-commerce and productivity tools.

EDUCATION

- Bangalore University** Bangalore, Karnataka, India
Master of Computer Applications , CGPA: 6.87 *Dec 2021 - Dec 2023*
Relevant Courses: Data Structures, Algorithms, Operating Systems, Machine Learning, Web Development, Computer Networks
- Bharathiyar University** Coimbatore, Tamilnadu, India
Bachelor of Computer Applications , CGPA: 7.20 *July 2018 - June 2021*
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

SKILLS SUMMARY

- Languages:** Python, JavaScript, SQL, Bash, HTML
- Frameworks:** Django, NodeJS, ReactJS, Tailwindcss, Bootstrap
- Tools:** GIT, PostgreSQL, MySQL, SQLite, Postman, Docker, Adobe Photoshop, Adobe Illustrator
- Platforms:** Linux, Web, Windows, AWS
- Soft Skills:** Problem Solving, Adaptability, Team Collaboration, Communication Skills, Time Management, Creativity

EXPERIENCE

- Luminar Technolab** Remote
Python Fullstack Intern (Full-time) *Dec 2024 - Present*
 - Full-Stack Forum Enhancements (Python/Django + React):** Refactored legacy forum using Django for backend and React for a modern, responsive frontend, improving scalability and maintainability for large datasets.
 - API-First Architecture with DRF:** Converted key forum components to a RESTful API using Django REST Framework (DRF) to support a decoupled frontend.
 - Real-Time Thread Updates:** Integrated Django Channels and WebSockets for live updates on posts and threads with minimal latency.
 - Containerized Deployment:** Used Docker for consistent local development and production deployment; improved team collaboration and reduced environment issues.
- Caadmax Edtech PVT LTD** On-site
Intern (Full-time) *Aug 2023 - Sep 2023*
 - Full-Stack Development with Java and React:** Developed scalable, responsive web applications using Java for backend logic and React.js for an interactive frontend.
 - Agile Team Collaboration:** Worked in an Agile environment, participating in daily stand-ups, sprint planning, and code reviews to ensure timely delivery.
 - Feature Implementation & Bug Fixing:** Enhanced core features, optimized performance, and resolved critical issues to improve overall application stability.
 - Version Control & Code Management:** Used Git and GitHub for collaborative version control, ensuring clear documentation and streamlined code deployment.

PROJECTS

- URL Shortener – Django MVT Web App:**
 - Built a simple yet robust URL shortening service with a clean, responsive web interface.
 - Implemented unique short-code generation and redirection (e.g., `http://127.0.0.1:<port>/<code>`) to the original URL.
 - Designed using Django's MVT pattern with models for persistent URL-code mappings via ORM; also supports an in-memory store for lightweight runs.
 - Added form validation, error handling, and a minimal UI for smooth user experience.
 - Dockerized the app for one-command local setup and deployment.
 - Technologies: Python, Django (MVT), HTML/CSS, SQLite/PostgreSQL (ORM), Docker *(Aug 2025)*
- Weather App – Django MVT Web App:**
 - Developed a web-based weather application with a responsive and user-friendly interface.

- Integrated a third-party weather API to fetch real-time weather data based on user-input locations.
 - Implemented Django's MVT architecture for clean separation of backend logic, template rendering, and data handling.
 - Designed HTML templates with responsive CSS to ensure smooth display across devices.
 - Added error handling for invalid locations, network failures, and API errors.
 - Technologies: Python, Django (MVT), HTML/CSS, JavaScript, REST API (Aug 2025)
- **LEADapi – Lead Management System (Full-Stack Web App):** (In Development)
 - Built a secure and efficient full-stack web application for managing sales leads with complete CRUD functionality.
 - Backend developed using Django REST Framework, providing a RESTful API with JWT-based authentication.
 - Frontend built with React.js to deliver a dynamic, responsive, and seamless user experience.
 - Integrated user registration, login, and lead management features with full API connectivity.
 - Utilized DRF serializers for structured data handling, validation, and secure communication.
 - Technologies: React.js, Python, Django REST Framework, JWT, SQLite (June 2025)
- **CartNest – E-commerce Platform (Product Catalog, Cart, Checkout, Auth):**
 - Designed a scalable and customizable e-commerce platform tailored for small and mid-sized businesses.
 - Focused on clean design, high performance, and usability to enhance the shopping experience.
 - Implemented core features including product listings, search functionality, shopping cart, and checkout flow.
 - Added user authentication to enable secure customer accounts and personalized interactions.
 - Built using Python and Django for backend logic; HTML and Tailwind CSS for modern, responsive frontend.
 - Technologies: Python, Django, HTML, Tailwind CSS (May 2025)
- **Taskly – Todo Web Application (Full-Stack Productivity App):**
 - Developed a lightweight and user-friendly task management system to help individuals and small teams stay organized.
 - Built with Django and HTML, emphasizing simplicity, performance, and ease of use.
 - Implemented features such as task creation, categorization, due dates, and status tracking.
 - Integrated user authentication for personalized task management and secure access.
 - Used SQLite as the database for efficient and portable data storage.
 - Technologies: Python, Django, HTML, CSS, SQLite (Apr 2025)

OTHER CERTIFICATIONS

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- **Integrated Corporate Solution Engineer (ICSe)** Kerala, India
 - Hardware & Laptop Servicing Practical Training* Mar 2020
 - **Laptop Hardware Repair & Servicing:** Gained hands-on experience in disassembling, repairing, and reassembling laptops across multiple brands and models.
 - **Soldering & Circuit Board Maintenance:** Performed precision soldering/desoldering of components on motherboards and other PCB assemblies.
 - **BIOS Configuration & Troubleshooting:** Configured BIOS settings, performed firmware updates, and resolved hardware-related boot issues.
 - **Diagnostics & Fault Isolation:** Used professional diagnostic tools to identify, troubleshoot, and repair hardware failures efficiently.
 - **Graphics and Multimedia Design (Ray Animations)** Kerala, India
 - Creative Design & Multimedia Editing Training* May 2020
 - **Graphic Design Fundamentals:** Created professional designs using Adobe Photoshop and Illustrator, focusing on branding and visual identity.
 - **Video Editing & Post-Production:** Edited high-quality videos using Adobe Premiere Pro with smooth transitions, effects, and audio synchronization.
 - **Motion Graphics & Animation:** Designed engaging animations and visual effects in Adobe After Effects for promotional and creative projects.
 - **Creative Workflow Optimization:** Developed efficient design and editing workflows to meet project deadlines with consistent quality.