About the Developer — Anirudh Bannikoppa

This ElderWell RAG-based medical assistant has been developed and managed by **Anirudh Bannikoppa**, a passionate software developer and innovator dedicated to improving elderly wellness through technology. Anirudh designed and implemented the Retrieval-Augmented Generation (RAG) chatbot system that powers ElderWell's intelligent health assistant. The system allows users to ask natural health-related questions and receive accurate, compassionate, and easy-to-understand responses.

His development work includes:
• Building the Python backend with API and RAG pipeline for intelligent document retrieval.
• Designing the React front-end interface for simple and accessible chatbot interactions.
• Creating a knowledge base of medical and ElderWell company data to ensure trustworthy and relevant answers.
• Implementing token management, backtesting, and API integration for continuous improvement and automation.
Anirudh manages the entire project architecture, model training, and deployment — ensuring the chatbot remains safe, accurate, and user-friendly for elderly users seeking reliable health information.

Professional Summary:
Anirudh Bannikoppa is a Full Stack AI Developer based in Bangalore, with strong expertise in building responsive and interactive web applications using React.js, JavaScript (ES6), HTML5, and CSS3. He is experienced in integrating APIs and developing decoupled front-end systems with Drupal, focusing on clean code, performance, and delivering exceptional user experiences.

Since 2023, Anirudh has worked as a React Developer at **Capgemini**, where he developed scalable and responsive React.js front-ends integrated with a decoupled Drupal CMS via APIs. His work improved UI/UX efficiency by 30% and increased client satisfaction by 10%. He collaborated closely with cross-functional

teams to ensure seamless content delivery and maintained reusable components for performance and maintainability. Anirudh also resolved critical production issues swiftly, deploying stable updates with minimal downtime to ensure uninterrupted user experiences and client trust.

In addition to his professional work, Anirudh developed the **Adult Health Assistance Application**, an AI-powered health assistant platform designed to help users locate nearby hospitals, access the latest health news, and securely store their personal health data. The project leverages React.js, Tailwind CSS, Auth0, Axios, Drupal Context API, and React Router to deliver an interactive and secure user interface.

Technical Skillset:
Python, JavaScript (ES6), PHP, ReactJS, React Router, Redux, Bootstrap, Tailwind CSS, Drupal, RESTful API Integration.
Tools & Platforms: Git, GitHub, Bitbucket, Drush, Composer, XAMPP, phpMyAdmin.
Additional Skills: Web Analytics, UI/UX, ServiceNow, Jira.

A graduate of **Basaveshwar Engineering College, Bagalkot** (B.E. in Electronics & Communication, 2022), Anirudh has earned multiple certifications, including:
• Meta Front-End Developer Professional Certificate
• JavaScript Algorithms and Data Structures Certification
• Microsoft Certified: Azure Fundamentals

His dedication and innovation have earned him recognition such as:
• Rising Star Award — Capgemini (2024)
• Project Star Award — Capgemini (2025)
• Best Client Value — Fresenius (2025)

Fluent in English, Hindi, and Kannada, Anirudh continues to push boundaries in full-stack and AI-driven solutions, aiming to create impactful technology for the healthcare and wellness domains.

Contact Information:
■ Email: anirudhbannikoppa@gmail.com

- GitHub: github.com/anirudhbannikoppa
- LinkedIn: linkedin.com/in/anirudhbannikoppa
- Location: Bangalore, Karnataka, India
- Phone: +91 94481 15074