Bairagoni Vaishnavi

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 Vaishnavi Bairagoni | VaishnaviBairagoni | </> BairagoniVaishnavi

Karimnagar, Telangana - 505001, India

OBJECTIVE

- I'm a CSE undergrad passionate about software development, with programming skills and problem-solving mindset, eager to contribute to impactful, real-world solutions in a collaborative environment.

ACADEMIC QUALIFICATIONS

- **SR University**   **[CGPA: 9.0]**   *May 2023 - May 2027*
  Computer Science and Engineering (Undergrad)   Warangal, India

- **Alphores Junior College [Percentage: 90.2]**   *June 2021 - March 2023*
  MPC   Karimnagar, India

- **Siddhartha High School [GPA: 10.0]**   *July 2020 - May 2021*
  SSC E/M   Karimnagar, India

SKILLS

- **Programming Languages:** Basic- Java, HTML, CSS, Java Script, Python
- **Web Technologies:** Basic- MERN Stack(MongoDB, Express.js, React.js, Node.js)   , RESTful API's, JWT Authentication
- **Database:** Basic- SQL, MongoDB
- **Version Control & Collaboration:** Github
- **Tools & Technology Platforms:** Postman, Microsoft Office Suite, Canva
- **Soft Skills:** Problem Solving, Teamwork, Leadership, Adaptibility, Effective Communication Skills

PROJECTS

- **Smart Robot Duo – Dual-Robot Communication System**   *Oct 2025 - Nov 2025*
  Tools: Raspberry Pi, Python, Bluetooth SPP, Ultrasonic Sensor, IMU, I^2C LCD
  ◦ Built a dual-robot system using Raspberry Pi with Bluetooth SPP for real-time coordination and obstacle avoidance.
  ◦ Integrated sensors, AI-assisted decision logic, auto-backtracking, and reconnection handling.

- **Workout Tracker Application**   *Jun 2025 - Jul 2025*
  Tools: MERN Stack (React.js, Node.js, Express.js, MongoDB)
  ◦ Developed a full-stack workout tracker with JWT authentication and personalized dashboards.
  ◦ Designed RESTful APIs and tested endpoints using Postman for workout and session management.

- **Ad Astra – School Information & Student Portal Website**   *Sept 2024 -Nov 2024*
  Tools: HTML, CSS, JavaScript
  ◦ Developed a responsive school website presenting institutional and administrative information.
  ◦ Implemented a student login portal providing access to login details, examination schedules, timetables, and fee details.

INTERNSHIP

- **Software Development Intern - The Art of Living**   *05 Jun 2025 - 20 Jul 2025*
  Tools: [MySQL, Node.js, Express.js, MongoDB]
  ◦ Designed MySQL database and developed a workout tracker application frontend using react.js and backend using Node.js, Express.js, and MongoDB. Built REST APIs, authentication middleware, and workflows for estate management modules.

CERTIFICATIONS

- AWS Academy Graduate – Cloud Foundations (Training Badge).   (Nov 2025)
- AWS Academy Graduate – Cloud Web Application Builder (Training Badge).   (Nov 2025)
- AWS Academy Graduate – Cloud Security Builder (Training Badge).   (Nov 2025)
- AWS Academy Graduate – Cloud Developing (Training Badge).   (Nov 2025)

ACCOMPLISHMENTS

- Worked as **President** of YES+ Club at SR University.
- JCI - Effective **Public Speaking Workshop** held on 24th and 25th June 2023 at Hotel Maithri Restaurant, Karimnagar.
- Certification of Winner in the "PROGRAMMING HACKATHON" organized by School of Computer Science and Artificial Intelligence, SR University during 8th and 9th December,2023.
- Volunteered for over a month at **ART OF LIVING** International Headquarters, Bengaluru.