

Routhu Satya Hemesh

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Objective:

Motivated Computer Science and Engineering undergraduate with strong fundamentals in programming, data structures, and software engineering. Hands-on experience in building web, mobile, and software applications through academic and personal projects. Seeking an entry-level or internship opportunity where I can apply my technical skills, problem-solving abilities, and continuous learning mindset to contribute to high-quality software solutions while growing professionally.

Education:

- **ACE Engineering College, Ghatkesar, Hyderabad, Telangana.**
 - **Course:** Bachelor of Technology – Computer Science & Engineering,
 - **Duration:** 2023 – 2027
- **Sri Chaitanya Junior Kalasala, ECIL – Kamala Nagar, Hyderabad, Telangana.**
 - **Course:** Intermediate / MPC – TSBIE,
 - **Duration:** 2021 – 2023
- **Narayana E-Techno School, Kushaiguda, Hyderabad, Telangana.**
 - **Course:** Secondary Education / 10th Class – CBSE,
 - **Duration:** 2020 – 2021

Work Experience:

Software Development Experience (Academic & Project - Based)

B. Tech Computer Science & Engineering | 2023 – Present

- Gained hands-on experience in software development through academic, mini, and self-initiated projects.
- Applied **computer science fundamentals**, including data structures, algorithms, and object-oriented programming, to design and implement practical solutions.
- Developed responsive web and application-based solutions using **Java, JavaScript, HTML, CSS, Python, C, and MySQL**.
- Followed structured development practices such as requirement analysis, modular coding, debugging, testing, and documentation.
- Collaborated effectively in team environments, taking ownership of assigned tasks and delivering features within timelines.
- Used **Git and GitHub** for version control, collaboration, and maintaining clean and well-documented repositories.
- Continuously learned new tools and technologies to improve application performance, reliability, and usability.

Projects:

Academic Projects

- **Project – 1:** **QR – Code Generator & Scanner**
Real Time Regional Project
 - **Description:** Built a Responsive, Offline Web App using HTML, CSS, and JavaScript to Generate QR Codes and Scan them via Image upload. Designed for Cross-Platform use with mobile-friendly UI.
 - **Period:** February 2025 – June 2025
 - **Tech Stack:** HTML, CSS, JavaScript, Canvas API, FileReader API, Blob & URL API's
 - **Role:** Team Lead
 - **Team Size:** 3
 - **Live URL:** <https://satyahemesh.netlify.app/projects/qr-project>
- **Project – 2:** **WordPress Deployment with Terraform & Docker**
Course-Based Academic Project
 - **Description:** Automated deployment of WordPress with MySQL using Terraform and Docker. Provisioned containers, networks, and volumes for a portable, reproducible infrastructure setup with persistent storage.
 - **Period:** March 2025 – May 2025
 - **Tech Stack:** Terraform, Docker, MySQL, IaC (Infrastructure as Code)
 - **Role:** Team Lead & DevOps Engineer
 - **Team Size:** 5
 - **Source Code:** <https://github.com/SatyaHemesh/WordPressDeployment>
- **Project – 3:** **SwadSphere (mini_recipe_app)**
Course-Based Academic Project
 - **Description:** Developed a Flutter app with Firebase Authentication for seamless user login and navigation between screens. Implemented state management and UI components using Dart to ensure smooth user experience.
 - **Period:** March 2025 – May 2025
 - **Tech Stack:** Dart, Flutter, Firebase
 - **Role:** Team Lead – Mobile Application Developer
 - **Team Size:** 3
 - **Source Code:** <https://github.com/SatyaHemesh/SwadSphere---Mini-Recipe-Application>

Projects:

Personal Projects

- **Project – 1: Personal Portfolio Website**
 - **Description:** Designed and developed a responsive personal portfolio website to showcase projects, skills, and certifications, with clean UI, structured navigation, and live deployment for public access.
 - **Tech Stack:** HTML, CSS, JavaScript, Netlify
 - **Time Period:** August 2025 – November 2025
 - **Role:** Solo Developer & Designer
 - **Live URL:** <https://satyahemesh.netlify.app/>
- **Project – 2: To-Do List Web Application**
 - **Description:** Interactive Task Manager with Stylish UI and Smooth User experience. Allows users to add/delete task in real time with client-side logic only. Responsive design with gradient styling and Hover Effects
 - **Tech Stack:** HTML, CSS, JavaScript [ES6]
 - **Role:** Solo Developer & Designer
 - **Live URL:** <https://satyahemesh.netlify.app/projects/todo-list-project>
- **Project – 3: Weather Application – Visualization Dashboard**
 - **Description:** Displays real-time weather data with Chart.js using OpenWeatherMap API. Features async/await, input validation, and dynamic UI updates
 - **Tech Stack:** JavaScript (ES6), HTML, CSS, Chart.js, OpenWeatherMap API
 - **Role:** Solo Developer & Designer
 - **Live URL:** <https://satyahemesh.netlify.app/projects/weather-app-project>

Certifications:

- **Google Play Academy:**
 - Google Play Store Listing Certificate (October 2025 – 2028)
- **Oracle:**
 - OCI 2025 Certified AI Foundations Associate (October 2025 – 2027)
 - OCI 2025 Certified Generative AI Professional (October 2025 – 2027)
 - OCI 2025 Certified DevOps Professional (October 2025 – 2027)
- **CISCO Networking Academy:**
 - Python Essentials – 1 (October 2025)
 - Python Essentials – 2 (October 2025)
- **UiPath Academy:**
 - Introduction to Automation (March 2024)
 - Explore Automation Development with Studio (v2022.10) (March 2024)
 - Build Your First Process with Studio (v2022.10) (March 2024)
 - Variables, Constants & Arguments in Studio (v2022.10) (March 2024)

- **HP Life & HP Foundation:**
 - AI For Business Professionals
 - Critical Thinking in the AI Era
 - Professional Networking for Career Growth(December 2025)
- **NVIDIA**
 - Getting Started with AI on Jetson Nano(December 2025)

Skills:

- **Core Computer Science Fundamentals:**
 - Data Structures & Algorithms
 - Object Oriented Programming
 - Problem Solving
 - Software Engineering Fundamentals
- **Programming Languages:**
 - C
 - JavaScript
 - Python
 - Java
 - Dart
- **Web & Frontend Technologies:**
 - HTML5
 - CSS3
 - Responsive Web Design
 - DOM Manipulation
- **Mobile App Development:**
 - Flutter
 - Firebase Authentication
- **Databases:**
 - MySQL
 - DBMS Concepts
- **DevOps & Cloud Fundamentals:**
 - Docker
 - Terraform
 - Infrastructure as Code (IaC)
 - Containerization Concepts
 - WordPress Deployment
- **Deployment Tools:**
 - Git
 - GitHub
 - Visual Studio Code
- **Productivity & Collaboration Tools:**
 - Microsoft 365 (Word, Excel, PowerPoint)
 - Google Workspace (Docs, Sheets, Slides)

Strength & Hobbies:

- Quick Learner and Adaptability to new Challenges
- Positive Mindset
- Effective Team Player with Excellent
- Communication Skills
- Listening Music
- Playing Badminton
- Cooking
- Travelling & Exploring New Things

Extra-Curricular & Technical Activities:

Leadership & Communication

- Anchoring & Event Hosting**

- Hosted Multiple Events in College, Showcasing public speaking and Coordination Skills.

Technical Competitions & Hackathons

- Smart India Hackathon (SIH-2023 & 2024):**

- Participated in a national innovational challenge, collaborating on tech-based Problem Solving.

- Code Pragnya 2024:**

- Participated in ACE Engineering College's Intra-College Coding Competition.

Seminars & Academic Exposure

- Kalam's Institute Seminar (Vignan Vaibhav 2025):**

- Attended a national Seminar by DRDO & Kalam's Institute on Innovation and Research.

Educational & Institutional Visits

- National Unity Day Visit – Rashtrapati Nilayam**

- Participated in an educational visit to Rashtrapati Nilayam as part of National Unity Day celebrations, gaining awareness of India's constitutional heritage, unity, and national values.

Technical Fests & Workshops

- DATAFEST 2025 – Anurag University**

- Actively participated in a two-day technical fest featuring events such as Data Hunt, Analytics Court Room, and Excel Olympiad, promoting data-driven thinking, teamwork, and analytical skills.

Declaration:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

DATE: 02 – January – 2026

Place: Hyderabad, Telangana



ROUTHU SATYA HEMESH