YARRAMADA HARISH REDDY

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LinkedIn **|** GitHub

Summary

Aspiring **Software Developer** with hands-on experience in building **full-stack web applications** using React.js, Node.js, Express.js, and MySQL. Skilled in **REST API design**, **secure authentication (JWT)**, and **cloud deployment**. Proficient in **API integrations**, real-time data handling, and Agile methodologies. Passionate about delivering scalable, optimized, and secure solutions.

Technical Skills

Languages: Python, Java, JavaScript, C
Front-End: React.js, HTML5, CSS3, Bootstrap, Flexbox, Grid
Back-End: Node.js, Express.js, REST APIs, JWT, NodeMailer
Databases: MySQL, MongoDB
Tools & Platforms: Git, GitHub, Postman, Cloudinary, Firebase, Vercel , Render
Other: API Testing, Agile (Scrum), SDLC

Education

Malla Reddy College of Engineering & Technology   *Expected: May 2026*
B.Tech in Computer Science Engineering (**Data Science**) | CGPA: 9.11 (up to 3-2)

Telangana Social Welfare Residential Junior College   *2020 – 2022*
Intermediate - MPC | Aggregate: 96%

Navodaya High School   *2019 – 2020*
Aggregate: 9.7 CGPA

Projects

BlogBase – Full Stack Blog Platform   *Feb 2025 – Apr 2025*

- Build a blog application using **React.js, Node.js, Express.js**, and **MySQL** following **MVC architecture**. Designed and implemented **JWT-based authentication**, encrypted passwords with bcrypt, and secure session handling.
- Integrated **Cloudinary** for optimized image storage; tested APIs using **Postman** ensuring **100% CRUD coverage**.
- Added **NodeMailer** for automated email alerts and password reset workflows.
  Configured **Firebase** for real-time updates and scalable backend services.
- Deployed on **Render** with environment-based configuration for cloud readiness and high availability.

Secure Crypto-Biometric System for Cloud Computing (Role: Team Lead)   *Sep 2024 – Jan 2025*
GitHub Repository

- Directed a team of 3 in designing a secure authentication system using **AES, ECC**, and **biometric verification** techniques.
- Achieved **93% recognition accuracy** leveraging **TensorFlow, OpenCV**, and Scikit-Learn.
  Enhanced data privacy in cloud environments by combining **cryptographic algorithms with ML models**.

Nike Landing Page   *May 2024 – Jun 2024*

GitHub Repository

- Built a fully responsive landing page using **HTML, CSS, and JavaScript**.
- Optimized performance and reduced page load time by **45%** through code and asset compression.

Academic Achievements

- **Top 3% in Classroom** | Outstanding academic performance, strong problem-solving and analytical skills

- **Consistent Academic Excellence** | Secured 9.11 CGPA across all semesters, demonstrating programming proficiency and technical aptitude

- **Google Developer Group (GDG) Member** | Contributed to software development projects, hackathons, and workshops in Python, Web Development, and AI

Certificates

- **Young Python Professional** – Infosys Springboard (2024) | Python Programming, Problem Solving
- **Full Stack Web Development** – Udemy (2024) | React.js, Node.js, JavaScript, REST APIs
- **SQL & Python Crash Course** – Coursera (2024) | SQL, Python, Data Analysis, Scripting
- **Introduction to Generative AI** – Coursera (2024) | AI, NLP, ML

Extracurricular Activities

- Acquired foundational knowledge in **Google Cloud Platform (GCP)**, including **App Engine**, **cloud deployment processes**, and **Vertex AI integration** during **Google Gen AI Jam**, exploring concepts of **AI/ML workflows** and **cloud-based application development**.

- Active contributor in **GDSC**, gaining practical exposure to **cloud computing**, **application development life cycle (SDLC)**.

- Engaged in **hackathon ideation and brainstorming** during TechKnow 2.0, conceptualizing an **E-Waste Management Platform** featuring **real-time tracking**, **pickup scheduling**, and **responsive UI design**.

- Coordinated a TechFest event with **30+ participants**, ensuring smooth execution of 5+ activities through effective **scheduling and team management**.

Interests

Competitive Programming , Docker , Performance Optimization, Secure Coding Practices, Generative AI Concepts, NLP, Machine Learning , Big Data Processing, System Scalability, Design Thinking