

# Sumasree Yempuluru

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sumasree-portfolio1.netlify.app/

## SUMMARY

Computer Science undergraduate skilled in Android development,full-stack web projects, cloud computing (AWS, Firebase), and data analytics. Proficient in Java, Python, and SQL/NoSQL databases, with experience in data visualization and backend integration. Passionate about software engineering and data-driven application development.

## TECHNICAL SKILLS

- **Languages:** Java, Python, R, HTML, CSS, JavaScript, ReactJs, NodeJs , ExpressJs, Kotlin
- **Databases:** MySQL, MongoDB, Redis, Cassandra, Neo4j
- **Tools:** Git, GitHub, Android Studio, Firebase, AWS, Tableau, Power BI
- **Libraries:** pandas, NumPy, Seaborn, Matplotlib

## EXPERIENCE

- **Android Developer Intern** May 2025 – Jun 2025  
*Imarticus Learning* Remote
  - Built **StreetSmartIndia** civic reporting app using Java, Kotlin, and Firebase
  - Integrated Google Maps API with 35% more accurate geolocation
  - Improved UI/UX, achieving 25% more engagement and 100+ daily reports

## PROJECTS

- **Earthquake Detection System** 2023  
*Arduino, Embedded C*
  - Implemented real-time seismic detection using sensors and cloud-based alerts
- **Li-Fi Data Transfer System** 2024  
*Arduino, VLC Communication*
  - Built high-speed optical data system using LED-based visible light communication
- **EdView – College Review & Comparison Platform** 2025  
*MERN Stack (MongoDB, Express.js, React.js, Node.js), Vercel*
  - Developed full-stack web application enabling students to post reviews and compare colleges based on academics, faculty, and campus life
  - Implemented RESTful APIs and MongoDB schema for secure data management and transparency in educational insights
- **SkillNexus – Community Skill-Sharing Platform** 2025  
*React.js, Node.js, Express.js, MongoDB, Tailwind CSS*
  - Built interactive platform for users to share skills, manage projects, and join expert-led learning sessions
  - Integrated authentication, project management, and AI-based skill matching for a personalized learning experience

## EDUCATION

- **VIT University** Amaravati, India  
*B.Tech in Computer Science Engineering, CGPA: 8.62* Nov 2022 – present
- **Narayana Junior College** Nellore, India  
*Intermediate (94.3%)* June 2020 – May 2022
- **Dr. KKR's Gowtham School** Nellore, India  
*Secondary Education (10/10)* 2016 – April 2020

## CERTIFICATIONS

- Android App Development - Imarticus Learning
- AWS Cloud Foundations and Architecting
- MongoDB Associate Database Administrator

## ACHIEVEMENTS

- NASA Hackathon Participant