

Sumasree Yempuluru

+91 9392045580 | sumasreeyempuluru@gmail.com | linkedin.com/in/sumasree-yempuluru | github.com/Sumasree8 | 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
<i>Imarticus Learning</i> | May 2025 – Jun 2025
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
<i>Arduino, Embedded C</i> | 2023 |
| • Implemented real-time seismic detection using sensors and cloud-based alerts | |
| • Li-Fi Data Transfer System
<i>Arduino, VLC Communication</i> | 2024 |
| • Built high-speed optical data system using LED-based visible light communication | |
| • EdView – College Review & Comparison Platform
<i>MERN Stack (MongoDB, Express.js, React.js, Node.js), Vercel</i> | 2025 |
| • 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
<i>React.js, Node.js, Express.js, MongoDB, Tailwind CSS</i> | 2025 |
| • 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
<i>B.Tech in Computer Science Engineering, CGPA: 8.62</i> | Amaravati, India
Nov 2022 – present |
| • Narayana Junior College
<i>Intermediate (94.3%)</i> | Nellore, India
June 2020 – May 2022 |
| • Dr. KKR's Gowtham School
<i>Secondary Education (10/10)</i> | Nellore, India
2016 – April 2020 |

CERTIFICATIONS

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

ACHIEVEMENTS

- NASA Hackathon Participant