ARRABELLI VARSHA REDDY

Software Developer ~ Engineer

- 🌐 portafolio.com
- 📞 7093119393
- 📍 Warangal, India
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ABOUT

Talented software development professional with experience. Consistent in delivering clean, error-free, reliable code to meet current or expected needs. Well-versed in software trends and confident in multiple languages, frameworks, and programming tools. I want to learn more unknown skills and create new things that enhance the quality of my work. To utilize my skills in the field of industry and contribute to the growth of the organization.

PROFESSIONAL EXPERIENCE

Sandvine — **Software Engineer Intern** — January/2024 – July/2024
- Learning new skills, techniques, and troubleshooting best practices.

Arcesium — **Sotware Developer Intern** — May/2023 – July/2023
- Designed a Java library that enables run-time change in property values in configuration files without a redeployment process
- Developed a front-end interface for clients that helps them change these values
- Produced clean, efficient, and bug-free code for software development projects through debugging, testing, and code reviews.

`Java / Spring / React js / SQL / Spring Boot / Git`

SKILLS

Languages: C++, C, Java, SQL, Python, JavaScript, HTML, CSS, PHP, Dart

Frameworks: Flutter, Flask, Spring, Nextjs, Spring Boot, Rails

Database Management Systems: MYSQL, MongoDB, Firebase

Operating Systems: Windows, Linux

Version Control Systems: Git

Other: React, Node js

EDUCATION

B. Tech — **National Institute of Technology, Calicut** — 2020 – 2024
- **Core Subjects:** Data Structures and Algorithms, Software Engineering, Operating Systems, Database Management Systems, Computer Networks, Artificial Intelligence, Information Security
- **CGPA:** 8.38

11th and 12th — **Sri Chaitanya College** — 2018 – 2020
- Jee Mains AIR - 6095
- **Percentage:** 95.3%

PROJECTS

Image Captioning — August/2023 – Present
- I am currently engaged in a project under our lecturer and alongside a Ph.D. student, focused on enhancing the accuracy of image captioning models.
- The goal is to refine the model's ability to provide accurate and meaningful captions when presented with an input image.

`Python / Deep Learning / Feature Extraction / NLP`

Event Management Website — March/2023 – April/2023
- Discover events within the organization and access reliable information through a structured hierarchical interface on our website. Stay informed and engaged with our event updates

`Python / Flask / SQL / HTML / CSS`

Event Buzz App — March/2023 – April/2023
- Designed an app that notifies students about all the events in an organization.
- Students can like their favorite events and clubs for easy access

`Flutter / Dart / Firebase`

ACHIEVEMENTS

- Top 1 percent on leet code | Competitive Programmer with a record of consistently excelling in algorithmic problem-solving in contests.
- Deployed a Java library
- Interned at Arcesium
- Certified Programmer at HackerRank

KEY SKILLS

- Time Management
- Communication Skills
- Team Work
- Leadership Qualities

LANGUAGES

English - Proficient   **Telugu** - native   **Hindi** - Proficient