SRI SAI SUMANTH DUGGINA

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https://sumanthduggina.github.io/Portfolio/

EDUCATION

R.V.R & J.C COLLEGE OF ENGNIEERING, Guntur**,** India — *AUG 2019 – JUN 2023*
Bachelor of Technology, Information Technology — **CGPA: 8.42/10**

SASI NEW GEN JUNIOR COLLEGE, Velivennu**,** India — *JUN 2017 – MAR 2019*
Intermediate, MPC — **CGPA: 9.94/10**

TECHNICAL SKILLS

Languages and Database: C, C++, Java, Python, Data Structures, MYSQL, PostgreSQL, MongoDB
Web Technologies: HTML, CSS, JavaScript, PHP
Tools: Visual Studio Code, Eclipse, IntelliJ, Net Beans, MS Office
Version Control: Git

WORK EXPERIENCE

Web Application Pentester | Indian Servers Private limited, *Vijayawada, India* — *May 2022 – AUG 2022*

- Worked as a pentester for web applications and contributed to web security auditing.
- Possess appropriate hands-on experience with different web application security testing tools and methodologies, including SQL injection testing, Burp Suite, and OWASP ZAP.
- Exposed to Malware Analysis, Computer Forensics, Open-Source Intelligence, Network Security,
- Sniffing, Network Scanning, and Mobile Security.

PROJECTS

SOCIAL NETWORKING SYSTEM – *PHP, HTML, CSS, MYSQL, Apache*

- Developed a system to enable users to connect and interact with each other.
- Users can search and connect with other users based on their interests they can communicate with each other through private messaging and can join or create groups based on common interests or affiliations.
- The system also typically includes features for sharing photos, videos, and other media, as well as for creating and promoting events. Users can interact with each other by commenting on posts, liking, or disliking content, and sharing information with their own network of friends.

CONTOUR REPRSENTATION FOR BINARY IMAGES – *Python, OpenCV*

- Developed an efficient representation of boundaries by employing morphological approaches, a binary image is decomposed uniquely into an appropriate multi-contour picture with nonoverlapping contours a three-directional chain code is employed to further compress the image with the help of Ritter and Wilson's hole-filling algorithm.

MORPHOLOGICAL REVERSIBLE CONTOUR REPRESENTATION – *Python, OpenCV*

- Build an approach for reconstructing an original picture by employing image boundaries that appropriately fills a multi-contour image according to its topological structure without the need for seed points.