RAJENDRA GHONGADE

Mumbai, India I +91 9022328048 I rajughongade9022@gmail.com I LinkedIn I Github I Portfolio

PROFESSIONAL SUMMARY

Results-driven Software Developer with experience in cyber-security and antivirus solutions. Specialized in Windows security development, real-time malware detection, heuristic and machine learning-based scanning, and USB protection services. Passionate about enhancing security products and optimizing detection capabilities. Proficient in C#, Python, and full-stack development.

WORK EXPERIENCE

Software Developer | RAM Antivirus Pvt Ltd (Jan 2023 – Present) ↗

- Developed and enhanced Windows security solutions, including real-time scanning services, heuristic analysis, and machine learning-based malware detection.
- Created Windows services for RAM Antivirus, improving real-time protection and USB security services.
- Integrated advanced network analysis and file-less malware detection techniques into the application.
- Enhanced user interface using WPF with Modern UI tools and Maha Apps Theme for improved user experience.
- Collaborated with internal teams, including the graphics design team, to improve product UI/UX.
- Documented technical specifications and proprietary software for internal use and future development.

PROJECTS

RAM Antivirus | C# | Python | AI & ML ↗

- Developed heuristic-based scanning and real-time malware detection algorithms.
- Implemented a USB protection service to detect and neutralize threats from external devices.
- Enhanced antivirus UI to be more dynamic and added functionalities to improve overall effectiveness.
- Successfully deployed the product to 5000+ customers in India and 900+ in the UK.

Financial Market Prediction | Python | Flask | Machine Learning | HTML | CSS | Streamlit ↗

- Built a stock/crypto/forex prediction system using machine learning models (Linear Regression, Random Forest).
- Scraped and cleaned financial data from various sources for accurate analysis.
- Deployed the model as a web-based tool for real-time financial predictions.

Dynamic Malware Analysis | Python | Machine Learning | Linux ↗

- Developed an automated malware analysis tool for real-time threat detection.
- Improved detection and response time to evolving malware threats.
- Designed compatibility with Linux systems for enhanced security and performance.

Shivganesh Information Management System | PHP | HTML | CSS ↗

- Created a dual-panel system for administrators and users for information management.
- Implemented secure authentication to maintain data integrity.

Sulochan Hospital Website | Angular | HTML | CSS ↗

- Designed a hospital website offering detailed information about services, departments, and medical staff.
- Ensured responsive design for seamless user experience across devices.

TECHNICAL SKILLS

- Languages: C/C++, C#, Python, JavaScript, PHP
- Frameworks & Libraries: WPF, MVC, MVVM, Flask, Streamlit, React, Angular
- Full Stack Development: HTML, CSS, JavaScript, RESTful API, API-Integration
- Database: MySQL, Sqlite
- Data Science: Standard ML Algorithms (Regression, Random Forest)
- Data Analysis: NumPy, Pandas, Matplotlib
- Cyber-security: Real-time malware detection, heuristic scanning, file-less malware analysis, network security analysis
- Cloud & DevOps: AWS, EC2
- Developer Tools: Visual Studio, VS Code, IntelliJ, Eclipse, PyCharm, Git, GitHub, Postman
- Operating Systems: Windows, Linux (Ubuntu)

CERTIFICATIONS & ACHIEVEMENTS

- Provided RAM Antivirus application in CERT-IN Network Analysis for security validation.
- Developed real-time heuristic and ML-based scanning for antivirus security enhancement.
- Implemented file-less malware detection for improved cyber-security protection.

EDUCATION

- North Maharashtra University|Masters in Computer Application (MCA) | Year - 2023
- Amaravati University | Bachelor of Science (BSc) Computer Science | Year - 2021

HOBBIES & INTERESTS

- Reading & Researching Cyber-security Trends
- Painting (Home Decor & Board Art)

LANGUAGES

- English
- Hindi
- Marathi

Participations

- Creative Innovations For Skill India Avishkar 2018
- A National Level IT Event PINNACLE 2019
- Intercollegiate Research Convention Avishkar 2019