

# Manjunath K G

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## Objective

Computer Science graduate adept at applying analytical thinking to solve real-world problems, with a strong enthusiasm for developing innovative AI-powered software solutions while adhering to established security standards.

## Education

Bachelor of Computer Applications (BCA) 2022 – 2025  
ASC Degree College Affiliated to Bangalore University - CGPA: 8.3/10 Bengaluru, India

## Technical Skills

Languages: Python, C++

Security Tools & Concepts: Wireshark, Nmap, Metasploit, Burp Suite, Nessus, Enumeration, Fuzzing, OWASP, MITRE ATT&CK

Development & Tools: MySQL, SQLite3, Docker, Git, GitHub, Postman, REST APIs, Cursor, Jupyter Notebook

## Experience

AI/ML analyst Intern Sep – Present 2025  
Ampcus Cyber Bengaluru, India

- Researching and developing AI-driven solutions for security compliance automation, focusing on regulatory framework adherence and policy enforcement
- Developed and deployed a real-time server monitoring agent to track system health metrics, enabling proactive infrastructure management and reducing downtime incidents
- Engineered an automated document filling feature for the enterprise application, streamlining data entry workflows and improving operational efficiency
- Integrated and fine-tuned OpenAI LLM models to handle customer-specific queries, enhancing response accuracy and customer support automation

Security Intern Jan – Mar 2025  
Hacker School Bengaluru, India

- Identified and remediated critical security vulnerabilities including SQL Injection (SQLi) and Cross-Site Scripting (XSS) attacks using Burp Suite for web application penetration testing
- Conducted comprehensive fuzzing and directory traversal assessments to discover hidden endpoints and potential security weaknesses in target applications
- Automated vulnerability scanning workflows using Nessus for internal systems, improving security assessment efficiency and coverage
- Performed API security testing against OWASP Top 10 vulnerabilities, ensuring compliance with industry security standards and best practices

## Projects

Intelligent Chat Interface for HR Candidate Profiling ([Link](#))

- Developed an AI-powered system to automate HR candidate profiling workflows, reducing manual screening time and improving recruitment efficiency

Dockerized Stock Data Pipeline ([Link](#))

- Built an automated ETL pipeline using Apache Airflow to orchestrate stock market data extraction, transformation, and loading workflows, integrating Alpha Vantage API to fetch real-time stock quotes and historical market data for multiple securities through a unified data ingestion point

AI Web Scraper ([Link](#))

- Scraper designed to extract, process, and summarize meaningful content from websites with the help of Ollama powered language model