

CONTACT



Address

Birmingham, United Kingdom



Phone

0749379 3447



Email

cxm496@student.bham.ac.uk



LinkedIn

<https://www.linkedin.com/in/chaaru-manjuraj-komala-00ab1b130/>



GitHub

<https://github.com/ChaaruManjuraj>

EDUCATION

2022 - Present MSC CYBER SECURITY*

University of Birmingham,
Birmingham, United Kingdom

2017 - 2021 COMPUTER SCIENCE & ENGINEERING

Vishweshwaraya Technological
University
Bengaluru, India

PROF. SKILLS

- Application Security and DevSecOps
- Threat Modelling and Web Hacking
- Exploitation: Password Cracking, Keyloggers, Dictionary Attacks
- Software and Usable Security
- Network Security and Digital Forensics
- Redux, Firebase
- Programming Languages: Java, JavaScript, C, C++, Python, PHP, C#, Dart
- Web Development: LAMP, MERN, Bootstrap
- Flutter
- Linux

Chaaru Manjuraj Komala

Security Engineer, Developer

PROFILE

Results-oriented Cyber Security Engineer and Web Developer with over a year of experience in both Web Development and Network Security. Strong background in Network and Software Security, Architecture, and Secure Programming, with proficiency in delivering quality results.

Currently pursuing a Master's degree in Cyber Security at the University of Birmingham, a leading institution in the field.

EXPERIENCE

Sept 2021 - Aug 2022

Juspay Pvt. Ltd | Bengaluru, India

JR. CYBER SECURITY ENGINEER

- Utilised Burp Suite to identify vulnerabilities, reported on risks and provided mitigation recommendations resulting in improved security measures.
- Utilised industry standard frameworks such as OWASP Top 10 and SANS 25 to prioritise and classify web app vulnerabilities as Critical, Medium, and Low, ensuring reduction of the attack surface.
- Reviewed and reported on common application-level vulnerabilities such as XSS, SQL Injection, Authentication Bypass, and CSRF, highlighting security risks and providing recommendations for mitigation.
- Developed and implemented threat models to identify potential security threats and vulnerabilities, and minimised risks through the implementation of mitigation strategies.
- Ensured compliance with legal and regulatory requirements, including security practices and the handling of sensitive personal data/information (SPDI), by implementing and enforcing relevant policies and procedures.
- Captured and analysed network traffic across all layers of the OSI model to identify potential security threats and vulnerabilities.

Nov 2020 - Aug 2022

CubeWind.com | Bengaluru, India

CO-FOUNDER & CEO

- Developed and launched an AI-powered open-source React web application that recommends Linux distributions to users, with a monthly user base of 12K and steady growth.
- Managed ongoing projects with the goal of contributing to the open-source community, including a Flutter project aimed at promoting social responsibility among young people by enhancing feel-good hormones.
- Provided comprehensive IT consulting services to various clients in different industries, including security assessments, custom software development, and testing services to meet their specific business needs and requirements.

PROJECT HIGHLIGHTS

Google Nest Hello Penetration Testing

Identified and documented a significant service availability vulnerability, and presented a detailed report outlining potential security improvements.

Advanced Backdoor

Written in Python, this backdoor takes screenshots, executes commands, downloads files, log keys, etc.

Kindly review my [GitHub Profile](#) for a comprehensive display of my other works.

INTERNSHIPS

Oct 2022 - Present

University of Birmingham | Birmingham, United Kingdom

POSTGRADUATE AMBASSADOR

- Supporting postgraduate recruitment activity and encouraging prospective students to consider further study.
- Providing personalised guidance and mentorship to prospective students by sharing personal experiences and offering advice on navigating the transition to postgraduate studies.
- Assisting with the planning and execution of on-campus and virtual events such as open houses, postgraduate fairs, and networking sessions.

Oct 2022 - Dec 2022

Along Technology | Berlin, Germany

REACT DEVELOPER INTERN (REMOTE)

- Designed and developed user authentication components with React Redux integrated with Firebase Authentication services.
- Participated in regular code reviews and pair programming sessions to ensure adherence to best practices and maintain high-quality code standards.
- Assisted in the creation of technical documentation, including design specifications, user guides, and API documentation, to support the development process and facilitate collaboration among team members.

Jan 2020 - Mar 2020

Wemoveideas Pvt. Ltd | Bengaluru, India

CYBER SECURITY INTERN

- Set up Virtual Hacking Environments to learn and practice hacking.
- Collaborated with a team of cybersecurity professionals to develop and implement effective security policies, procedures, and strategies to safeguard sensitive information and infrastructure.
- Conducted research on emerging cybersecurity threats, trends, and technologies to stay informed and help the organisation stay ahead of potential risks.

Jul 2019 - Sept 2019

Swayambu Consultancy Pvt. Ltd. | Bengaluru, India

SECURITY CONSULTANT INTERN

- Designed firewalls and endpoint security systems to protect against potential attack vectors.
- Assisted in conducting comprehensive security risk assessments for clients to identify vulnerabilities, threats, and potential impacts on their business operations and assets.

HOBBIES & INTERESTS

- My research on Aviation Safety: <https://artofflying.netlify.app>
- Volunteer at Isha Foundation, Save Soil Campaign - Isha Outreach
- Music and Sports