ANIK GHOSH

9 bansuri apart,near sitla mandir,behala,kolkata, West Bengal

📱 8709554421 ✉ yogicodes101@gmail.com in linkedin.com/in/anik-ghosh-954a85202 ⌗ github.com/Yogi-Codes

Education

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY , KALYANI Oct. 2020 – Jul 2024
Bachelor of Science in Computer Science *Kalyani, West Bengal*

DAV PUBLIC SCHOOL,BISTUPUR,JAMSHEDPUR 2018 – 2020
Higher Secondary PCMC 92.2% *Jamshedpur*

Tagore Academy, Jamshedpur 2018
Class 10TH 94.4% *Jamshedpur*

Relevant Coursework

- Cryptography and Network Security
- Software Developement Life Cycle
- Database Management System
- Computer Networks
- C/C++ Programming
- Computer Architecture

Professional Experience

BreachLock, Inc. Nov 2024 – Present
Associate Security Automation Engineer *Noida ,Uttar Pradesh*

- Improved API security scanners by developing custom plugins, enhancing detection accuracy and expanding vulnerability coverage.
- Automated repetitive manual security tasks, reducing execution time from 2 hours to 5 minutes, significantly increasing operational efficiency.
- Assisted in the validation and triage of penetration testing findings, contributing to faster and more accurate vulnerability reporting.
- Conducted in-depth security research to identify emerging vulnerabilities and translated findings into automated detection mechanisms.
- Utilized strong analytical and debugging skills to identify, troubleshoot, and resolve application and security issues collaboratively.

Cehpoint E-Learning and Cyber security services Feb 2023 – Mar 2024
Fullstack Developer *Remote, WB*

- Design and develop web applications using the MERN stack. This includes working with HTML, CSS, JavaScript, Node.js, and MongoDB.
- Develop and maintain SQL databases. This includes creating and managing database schemas, inserting and updating data, and querying data.
- Develop cross-platform mobile applications using Flutter. This includes working with Dart, Flutter SDK, and Android Studio.
- Use problem-solving skills to identify and resolve issues. This includes using debugging tools, researching solutions, and working with team members to find the best solution.
- Integrate security measures into web applications. This includes using security frameworks, implementing security best practices, and testing for security vulnerabilities.

Reignsys SofTech Private Limited Apr 2023 – May 2023
Front End Developer Intern *Remote*

- Developed a form printing component that prints forms dynamically based on dynamically generated widgets added to the form.
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Used React to develop the form printing component.

VTF Foundation May 2022 – Jun 2022
Security Engineer Intern Intern *Remote, CA*

- Security Testing: Conducted security testing on various systems and applications to identify vulnerabilities.
- Penetration Testing: Used various tools and techniques to simulate real-world attacks on systems and applications.
- MITRE ATT&CK Framework: Used the MITRE ATT&CK Framework to identify and prioritize security risks.
- OSINT: Gathered and analyzed open-source intelligence to identify potential threats.
- CTFs: Participated in Capture the Flag (CTF) competitions to test and improve security skills.

Projects

Social Media Management | *MERN,GDRIVE,NGINX* **July 2023**
- A full fledged Social media management app in mern stack for Social media post generation with media editor and Gpt integration and post scheduling in fb instagram google-business manager twitter and linkedin
- https://one.digtl.biz/

Full Fledged Learning Management System | *React,Material UI,css,NOde,Express,MySQL* **January 2023**
- full Fledged Coursera Like Learning Management System For company IBC media with Admin dashboard , Coursera like client side interface under cehpoint
- https://learning.ibc.media/

MPOS | *Flutter, PHP LARAVEL*
- A Point Of Sale System with auto print and admin-dashboard with auto info store and frontend in Flutter for use in Android Kiosk for Thailand Client under cehpoint
- https://github.com/Yogi-Codes/MPOS

Kalyani Vanet | *QTSIM, VEINS*
- A Vehicular ADHOC Network (VANET) implemented on themap of Kalyani, WB India using Omnet++ ,veins and Sumo-Gui simulator
- https://github.com/Yogi-Codes/Kalyani-VANET

The Darkist Box | *BASH*
- A CTF Box made along with the MITRE ATTACK Framework Guidelines To contribute to Offensive security

Technical Skills

Languages: Python,Javascript, BASH, HTML/CSS, Python, SQL, powershell basics
Developer Tools: VS Code, Docker, AWS EC2,ROUTE53,Security Rules, Android Studio
Technologies/Frameworks: Linux, GitHub, React Js, Material Ui, Express Js ,Node Js

Achievements

- Found P1 vuln in NASA web server, leading to satellite data leak
- Embedded Security 2022semi-finalist
- Found and reported About 8 XSS vulnerability present in the main page ofinternship.aicte-india.org

Certifications

- OSCP – Currently Enrolled
- CERTIFIED RED TEAM PROFESSIONAL (CRTP) BY ALTERED SECURITY
- CERTIFIED ETHICAL HACKER PRACTICAL (CEH Practical) V11
- GOOGLE CYBERSECURITY CERTIFICATE
- Practical Ethical Hacking (PEH) – TCM Security
- FOUNDATION OF OPERATIONALIZING MITREATT&CK FRAMEWORK