

Divyadev Pillai

Certified Ethical Hacker with six months experience in Cyber Security

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Certified Ethical Hacker with six months experience in banking online fraud management sector, also Implementation and Support Executive having nine months experience which help in the Project Management domain and having six months lectureship expertise who is passionate about fostering academic development and success for every student.



Skills

- Certified Ethical Hacker
- Ethical Hacking
- Python
- Fluent in SQL (Joins, Stored Procedures)
- Networking
- Phishing Incident Management i.e. Online Fraud Management
- Project Management, Multiple Handling of projects
- Leadership Qualities
- Project Organization
- Class Instruction
- Lecturing
- Classroom Presentations, Presentation ability
- Organizing and planning
- Classroom Management
- Student Counselling



Work History

2018-11- Implementation and Support Executive

2019-08 Fame Technology Solutions, Manama, Bahrain

- Managed project elements for multiple initiative from initial planning to project roll outs.
- Programming Language: SQL (Joins, Stored Procedures, etc.)
- Gathered requirements for ongoing projects and organized details for management use.
- Delivered in-depth training to users for FAME, importing knowledge of best practices for protecting data and minimizing errors.
- Worked in Crystal Reports (Make new reports, write formulas in the reports to get the result, customizing the report based on client requirements, etc.)
- Assessed project scope to ensure that all details and customer expectations were completely understood ahead of time.
- Worked with team members to accomplish technical aspects of projects.
- Developed proposals for clients outlining project scope and timeline.
- Explained complex, technology-related issues in basic understanding terms to clients.
- Oversaw installation of software programs and hardware systems to meet the different client requirements.
- Developed flowcharts and diagrams to describe and lay out logical operational steps.
- Inspected changes before client performed user acceptance testing.
- Handled both desktop and web applications.
- Delivered exceptionally high level of professionalism and support to each client upholding company's commitment to service.

2018-01- Assistant Lecturer

2018-07 Saket College of Arts, Science and Commerce, Kalyan, Maharashtra

- Reviewed Teaching activities and identified and implemented strategies designed to improve outcomes for students.
- Provided constructive and timely feedback to students to advise on areas of concern and suggest improvements.

- Integrated technology into classroom instruction including video, online content and use of distributed learning capabilities.
- Initiated and facilitated classroom discussions.
- Taught B.Sc. students in the field of Computer Science and I.T.
- Subjects taught: Network Security, Data Structure and PL/SQL.
- Conducted guest lecture for Third year students on Ethical Hacking

2016-08- Phishing Incident Management

2017-01 HDFC Bank, Kanjurmarg, Mumbai, Maharashtra.

- Analysed huge number of cases to find patterns of online frauds and anomalies.
- Reviewed individual reports and individual transactions which appeared suspicious to uncover possible fraudulent activity.
- Collaborated with team members to discuss fraud trends and brainstorm methods to combat this type of crime.
- Maintained accurate and detail log of each events.
- Dealing with all online scams involving phishing, vishing, smishing, trojan and malware and other online cases that are reported to the bank.
- Solved and analysed all the cases and also gave solution for all the online cases that got reported into the bank.
- Management of all the online frauds reported in the bank (ISG wing of HDFC)
- Summarized all key information regarding investigation into detailed report for delivery to client.



Education

2016-08- MTech: I.T. (Information Security)

2018-07 K.J. Somaiya College of Engineering

2011-08- B.E.: Computer Science

2015-05 Don Bosco Institute of Technology (DBIT)



Languages

- English
- Hindi
- Marathi
- Malayalam



Projects

M.Tech

Detecting Keyloggers using Machine Learning Algorithm

A tool or a software that detects all the keyloggers present in the window system. The project detects the behaviour of the keyloggers from all the running applications. Keystroke Dynamic Authentication (KDA) and SVM Classifier Algorithm are the algorithms used in the project.

Languages used: Advanced Java.

Technologies used: NetBeans, Xampp, SQL Query Browser.

B.E.

Adverse Drug Reaction Assessment using Stack Sequential Algorithm

A system that helps in detecting the reaction caused due to the various combination of drugs and it will analyse and give the safe combination of drugs.

Technologies used: Java, HTML, PHP, MySQL



Publications

M.Tech

Presented and published a research paper on “**A modified framework to detect Keyloggers using Machine Learning Algorithm**” in International Journal of Information Technology,2018.

Link: <https://link.springer.com/article/10.1007%2Fs41870-018-0237-6>

ResearchGate:

https://www.researchgate.net/publication/327396405_A_modified_framework_to_detect_keyloggers_using_machine_learning_algorithm

B.E.

Presented and published a research paper on “**Adverse Drug Reaction Assessment using Sack Sequential Algorithm**” in IEEE Explore,2015.



Certification

Ethical Hacking Certification (License ECC94453482058),

Expiry Date:13th Oct 2017 to 12th Oct 2020 from EC-Council given by US.



References

Available upon request.