

ARSALAN SALEEM

Certified Ethical Hacker | 14+ Years Securing Web, Mobile & IoT Platforms
| Udemy's Top Cybersecurity Instructor & Founder at SecureTechware

+92-335-225-5874 @ Email arsalansaleem.net Karachi, PK



SUMMARY

CEH-Certified Security Expert with 14+ years in web, mobile, and IoT security. As a top Udemy Instructor and founder of SecureTechware, I've helped organizations prevent six-figure losses from cyber threats. Certified by Coursera (UC Irvine – IoT, Michigan – Python) and currently exploring deep learning with microcontrollers in offensive security. Passionate about ethical cybersecurity and training the next generation of defenders.

EXPERIENCE

Senior Software Developer

NetON

2011 - Present Melbourne, AU

Digital Agency Australia

- **Led end-to-end development** of CMS-based websites (WordPress, Drupal), including UI design, backend integration, and client-specific feature implementation.
- **Collaborated cross-functionally** with designers and clients to architect scalable solutions, perform requirement analysis, and ensure smooth deployment of new features.
- **Created training materials and video tutorials** to enhance client understanding of CMS platforms, while also testing and optimizing site performance and database interactions.

Cybersecurity Instructor

Udemy, Inc

2018 - Present United States

Online Learning Platform

- **Develops and delivers research-based online courses** in cybersecurity, offensive security, and secure development for thousands of learners worldwide.
- **Conducts exploit research and explores deep learning applications** with microcontrollers to advance penetration testing techniques.
- **Provides expert training in security domains** while staying ahead of rapidly evolving technologies to meet modern cyber defense needs.

Software Developer

DigitalWaze

2013 - 2016 Karachi, Pakistan

Software Development Company

- **Worked with major U.S. clients including Verizon**, delivering secure, high-performance web solutions tailored to enterprise needs.
- **Led and managed development teams on complex Drupal-based projects**, overseeing architecture, implementation, and deployment phases.
- **Successfully completed multiple full-cycle projects**, both independently and in collaborative team environments, ensuring quality, performance, and client satisfaction.

PROJECTS

Verizon Multilingual Microsites Project

2013 - 2015 USA

Developed and launched 4 secure, localized microsites for Verizon, targeting Chinese and Korean communities in the U.S. Focused on cultural adaptation, language support, and secure user experience across multiple regions.

- Implemented secure CMS workflows with access control, input validation, and protection against common web vulnerabilities (XSS, CSRF, injection).
- Ensured compliance with Verizon's internal cybersecurity policies and industry standards to protect user data and system integrity.

SKILLS

Wireless Security

Embedded IOT

Automobile Security

RFID

Signal Hacking

Hardware Security

SDR

C++

Python

HID

Full Stack Developer

PowerShell

Linux

Windows

Online Instructor

Cybersecurity Ethics

EDUCATION

M.S, in Information Security

NED University of Engineering and Technology

2016 - 2019 Karachi, Pakistan

Bachelor in Software Engineering

University of Karachi

2009 - 2012 Karachi, Pakistan

INDUSTRY EXPERTISE

Cybersecurity & Ethical Hacking



Vulnerability Assessment



Penetration Testing



Web Application Security



Secure Code Review



Incident Response & Threat Mitigation



Secure Software Architecture



Exploit Research & Analysis



System Hardening & Configuration



Training & Instruction (Cybersecurity)



PROJECTS

Ansell Australia – Secure Web & CMS Projects

📅 2011 - 2021 📍 Melbourne, Australia

Delivered multiple secure web applications and CMS platforms for Ansell Gloves Australia, ensuring data protection and compliance with security standards across all digital solutions.

- Integrated security best practices, including user authentication, role-based access, and secure data handling in web and CMS environments.
- Collaborated with internal security teams to align custom application logic with enterprise-level security protocols.

Hotel Chain Web Projects – Australia & USA

📅 2014 - 2023 📍 Australia and USA

Developed secure, high-performance websites for hotel chains including Holiday Inn, Crown Plaza, Canterbury (Australia), and Henry Norman, Franklin Habitat (USA). Ensured secure booking experiences and data protection for international guests.

- Integrated secure booking systems with encryption, secure APIs, and protection against common web threats (e.g., SQL injection, XSS).

Freelance & Client Projects – Various Industries

📅 2011 - Present 📍 Karachi, Pakistan

Delivered secure and performance-optimized web solutions for multiple international brands and businesses, spanning eCommerce, SaaS, digital agencies, and service providers. Projects included Krispy Kreme, Proact Link, Leedall, The Press, Scale Time, Tangelo Software, GYST, and others (full portfolio at arsalansaleem.net).

- Implemented secure coding practices and integrated secure APIs, and user authentication across all platforms.

CERTIFICATION

Certified Ethical Hacker v13

EC-Council University

Python for Everybody

Coursera ([University of Michigan](#))

An Introduction to Programming the Internet of Things (IoT)

Coursera ([University of California, Irvine](#))

Introduction to the Internet of Things and Embedded Systems

Coursera ([University of California, Irvine](#))

The Arduino Platform and C Programming

Coursera ([University of California, Irvine](#))