

# SAMKIT H SHAH

NJ, NY | [samkitshah.in](mailto:samkitshah.in) | (201) 423-1751 | [connect@samkitshah.in](mailto:connect@samkitshah.in)

## WORK EXPERIENCE

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### **Freelance Work | Software Development**

**April'21- Present**

- Developing websites, software, and apps for 30+ clients, ensuring on-time delivery and client satisfaction.
- Provided cybersecurity consultancy to enhance company security, helping them from DDOS and Data breaches.
- Spearheading a team of 4 for building custom webapps for interior designing firm to automate customer engagement into virtual mode.

### **The Breakout Hunt | Co-Founder**

**November'20 - Present**

- Engineered application logics using Flutter, Firebase, PHP, and Python, driving success for a 40k+ user base.
- Designed algorithm to automate sending alerts to the users, resulting to high-speed notification delivery by 70%.
- Executing digital marketing campaigns with the team, increasing the user reach by 30%.

### **Mahen Technologies| Cyber Security Intern**

**December'21 - October 22**

- Conducted Gray box testing for websites and applications, implementing robust security checks and audits, resulting in a 30% reduction in potential security vulnerabilities and strengthening defenses.
- Worked with Government departments, contributing to cyber forensics, data recovery, and analysis.
- Lectured for 100 hours of teaching experience on Cyber forensics, Web/App Security and Security Awareness.

### **Cart Geek| Software Developer Intern**

**December'20 – May 21**

- Upgraded and performed source code review for an integrated CRM system, providing effort-cost analysis used by the founders in major decision making.
- Achieved recognition as the 'Intern of the Year" for effective teamwork and clear client communication decreasing development rework by 40% and achieving deadlines 20% faster.

## EDUCATION

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### **New York University**

**2023 – Present**

- Masters in Cybersecurity; Member at ORISIS Lab.
- Coursework: Penetration Testing and Vulnerability Analysis; Computer Networking; Information, Security and Privacy

### **NMIMS**

**2017 – 2023**

- BTech in Computer Engineering; CGPA: 3.58/4; Student Ambassador Award.
- Coursework: Data Structures; Algorithms; Operating Systems; Data Science & Analysis; Distributed Computing; Artificial Intelligence.

## TECHNICAL EXPERIENCE

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### **Projects**

- **Connect Next.** Build an application system facilitating peer-to-peer delivery to expedite delivery times, leveraging frequent traveler routes via area code filtering. (PHP, Laravel, Flutter, Google Firebase)
- **Storganize.** Developed a portal for customers to browse and reserve/compare products at shops, enabling owners to manage stock, profits, and employees to update product inventory. (PHP, Laravel, JavaScript, HTML)

## CERTIFICATIONS AND AWARDS

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- **Certified Ethical Hacker (CEH) Certification:** Gained knowledge in ethical hacking techniques to identify and rectify cybersecurity vulnerabilities, enhancing ability to safeguard organizations from potential threats.
- **Security Researcher Appreciation:** For ethically reporting security bug and helping to fix that at ZnetLive.
- **Second Prize, Technical project:** Awarded 2<sup>nd</sup> prize for Storganize project, out of 60 projects.

## TECHNICAL SKILLS

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- Languages: C++, Python, JavaScript, Java, Go, HTML5, CSS3, SQL, PHP, jQuery, Ajax, Flutter
- Frameworks: Vue JS, Node JS, Flask, REST APIs, Flutter, Laravel, Codeigniter
- Tools & Platforms: Git & GitHub, Bitbucket, MySQL, MongoDB, Firebase, Docker, JIRA, AWS, GCP, VMWare, Virtual Box