

Muhammad Ali Akbar

tel: +1-206-319-6937
mailto:akbarATsecursive.com
<https://muhammadakbar.com>

Introduction

I am an experienced information security and secure software development consultant and researcher who can perform web and mobile application penetration tests, automated and manual code reviews, software debugging, security testing on cloud based environments, smartphone platforms such as iOS and Android, and develop security-aware web and mobile applications.

Fields of Interest

Software Security, Cloud Security, Penetration Testing, Communications Security, Secure Application Development

Work Experience

- **Staff-2 Security Engineer** @ VMware, San Francisco Bay Area, CA (01/2022 – present)
- **Staff Security Engineer** @ VMware, San Francisco Bay Area, CA (11/2017 – 01/2022)
- **Senior Security Engineer** @ VMware, San Francisco Bay Area, CA (04/2016 – 10/2017)
- **Senior Security Consultant** @ IOActive Inc., Seattle, WA (10/2014 – 04/2016)
- **Security Consultant** @ IOActive Ltd., London, United Kingdom (04/2013 – 09/2014)
- **Research Engineer (Mobile App Development Manager)** @ Next Generation Intelligent Networks Research Center, Islamabad, Pakistan (03/2012 – 02/2013)
- **Research Engineer (Team Lead)** @ Next Generation Intelligent Networks Research Center, Islamabad, Pakistan (04/2008 – 08/2010)

Education

Degrees

- **MS Computer Science (Security)**. Columbia University, New York, NY. 2011.
- **BE Electrical Engineering**. National University of Sciences & Technology, Islamabad, Pakistan. 2008.

Publications

Available at <https://muhammadakbar.com>

- 6 Patents
- 2 Journal Papers
- 11 Conference Papers