

FARHAN M. BABAR

80 Tilbury Street, Breslau ON N0B 1M0

(519) 984 - 5741 | farhan296@hotmail.com

<https://www.linkedin.com/in/f-babar> | <http://farhanmahmood.com>

TECHNICAL SKILLS

- **Front End:** React JS, React Native, Angular, JavaScript, jQuery, ES6, TypeScript, Ionic, Bootstrap, Native Android App Development
- **Back End:** Node.js, Python, PHP, Express.js, Sails.js, Laravel, CodeIgniter
- **Databases:** MySQL, Mongo DB, MS SQL
- **Tools & Others:** Adobe Photoshop, Redux, Firebase, AWS, GCP, Git, Docker, CI/CD
- **Operating Systems:** Linux Ubuntu/ CentOS/ kali; Windows XP/ 7/ 8/ 10

EDUCATION

Master of Computer Science

University of Windsor, Windsor, ON

- Cumulative GPA: 95%

Sep 2018 – Dec 2019

Bachelor of Science in Computer Science

The University of Lahore, Pakistan

- **Gold Medalist**, Cumulative GPA: 3.81/4.0

Sep 2011 – Jul 2015

INDUSTRY EXPERIENCE

Senior React Native Developer

OwnersBox Fantasy Sports, Kitchener, ON

- Developing a fantasy sports based Mobile Application using React Native
- Leading the Mobile development team, reviewing their codes and assigning them tasks
- Responsible for uploading the builds on Google and Apple stores

Mar 2020 – Present

Senior Full Stack Software Developer

Audacia BioScience, Windsor, ON

- Developed a mobile application using React native, Node.js and MySQL that allows doctors to run Virtual Clinical Trials
- Deploying and maintaining applications on AWS EC2 instance by applying continuous deployment using **Git, Docker** and **Bitbucket** Pipelines

Dec 2019 – Mar 2020

Full Stack Software Developer

TxLabz, Lahore, Pakistan

- Was responsible for developing efficient Mobile Apps, Progressive Web Apps and Web portals using **React JS, React Native, Angular** and Native Android
- Developed RESTful API's for various applications using different frameworks of Node.js and PHP with MongoDB and MySQL
- Mentored team members in technical progression and effectively led them to solutions

Jul 2015 – Jun 2018

Angular Consultant

NETSOL Technologies, Lahore, Pakistan

- Consulted a team of 15 developers and project managers to successfully apply the best practice implementation in **Angular framework** to develop a Web Application
- Improved the performance of the application by reducing page loading time by **40%** with **Lazy Loading**

Feb 2018 – Apr 2018

ACADEMIC EXPERIENCE

Research Assistant

WASP Labs, University of Windsor, ON

- Explored the use of **Machine Learning** techniques to detect malware attacks
- Analyzed and Evaluated Emerging and Unconventional Malware attacks in Web Applications
- Was Responsible for static and dynamic **Malware Analysis, Reverse Engineering** and **Malware Forensics**

Sep 2018 – Dec 2019

AWARDS & HONORS

- Certified SAFe 5 Practitioner Nov 2021
- Won the **Serene-Risc Cyberstat** 2019 competition at the University of Ottawa Oct 2019
- Awarded International Entrance Scholarship from University of Windsor Sep 2018
- Certificate of appreciation from TxLabz for dedication towards company's mission May 2018
- Performance Excellence Award for outstanding performance from **NETSOL Technologies** Apr 2018
- Awarded a **Gold Medal** for achieving highest CGPA in BSCS at University of Lahore Apr 2016

PUBLICATIONS

- Sherif Saad, **Farhan Babar**, William Briguglio, Haytham Elmiligi. **JSLess**: A Tale of a Fileless JavaScript Memory-Resident Malware. 15th International Conference on Information Security Practice and Experience (ISPEC), 2019