HARSH MAURYA   contact@harshmaurya.in

CAREER HIGHLIGHTS

Synopsis:
- ✓ A strong **technologist** graduated from Delhi College of Engineering (now **DTU**) with more than **eight** years of experience across desktop, web and mobile development.
- ✓ Very **quick self-learning** ability and proven track record of creating **full-stack** of the application from scratch.
- ✓ Well versed with designing of large sized, distributed and low latency applications and **microservices**.

Commendation:
- ✓ Won many employee awards – "Star India" at Credit Suisse, "Doing the right thing" at Morgan Stanley and "Client focussed delivery" at Sapient
- ✓ Received appreciation from business users for continually thinking ahead and preventing pitfalls and also for the ability to learn things very quickly.
- ✓ 99% percentile in AIEEE and IIT JEE exam 2008.

	Expert	Well Versed	Familiar
Languages	C# .Net	SQL, JavaScript	Java, C++, HTML, Python
Frameworks	ASP.NET Core	WPF	Angular, Xamarin
Libraries	Rx	React, ActiveMQ, SignalR	Kafka
DevOps	Automation Testing	Jenkins, Kubernetes, Docker, Azure	ELK, AWS
Patterns	Microservices, TDD	BDD	Domain Driven Design
Others	Wordpress	Cyber Security, Photoshop	Unix, Blockchain

PERSONAL PORTFOLIO

- ⊟ **How not to get hacked:** Authored the book with more than thousand copies sold
- ⊟ **VpnMentor:** Written technology articles for the reputed company as a guest writer
- ⊟ **Reactive Websocket:** A portable library for web-socket with Rx support. More than 3k downloads.
- ⊟ **System Logger:** A monitoring/spying tool for windows with advanced features
- ⊟ **Vector to XAML Converter**: A popular tool to convert SVG vector files to WPF compliant XAML. Used by more than 5k developers.
- ⊟ **Magical Baba:** A cross platform app showcasing a cool magic trick.

   And many more interesting side projects at www.harshmaurya.in and github.com/harshmaurya

PROFESSIONAL EXPERIENCE

CREDIT SUISSE, Pune (Jan 2019-present)	Assistant Vice President, GMT

AES is an algorithmic trading platform used by clients. Client Central is an application which generates client invoices and various reports under AES. Working directly with the traders to understand new requirements and add features to the application.

- ✓ Independently designed and implemented an authorization microservice used by multiple teams for handling user entitlements.
- ✓ Rearchitected the highly UI coupled billing module into a separate service.
- ✓ Proposed and implemented a monitoring service for proactive handling of production outages. This resulted in instant reduction of critical failures.

MORGAN STANLEY, Mumbai (July 2015 - Jan 2019)	Senior Manager, Technology

Trader Desktop is a WPF/WinForm application directly used by front office traders to price equity derivative products and manage the market data.

- ✓ Lead a small team of junior developers for delivering a new project aimed to replace the old win-forms component with React.
- ✓ Improvised the communication channel inefficiencies between .Net client and Java server which led to a huge improvement in performance of the application
- ✓ Designed and developed pricing API library in C# .Net used for pricing derivative products. Considered a huge success and set to replace the old client-heavy library.
- ✓ Created various dev tools and framework for regression testing, numbers mismatch and BDD.

ION TRADING, Noida (Nov 2013 – July 2015)	Software Engineer

- ✓ Implemented new features of a front-end application (MMI) used by all clients of company.
- ✓ Designed and developed.Net API libraries and WPF custom controls consumed by other teams.
- ✓ Renovated an MS excel add-in using VSTO and migrated C++ code to 64-bit architecture.

SAPIENT CORPORATION, Gurgaon (July 2012 – Nov 2013)	Associate Technology

- ✓ Developed a performance critical server-side console application in .Net which processes millions of records and generates an output in the form of xml.
- ✓ Developed libraries in C# .Net for an automation framework on top of Ranorex, an automation tool.

EDUCATION

Course	Specialization	Institute / Board	Year of passing	Percentage (%)
Bachelor of Engineering	Chemical	Delhi College of Engineering, Delhi University (now DTU)	2012	70%
Intermediate	Science	DAV Public School, CBSE	2008	86%
High school	N/A	DAV Public School, CBSE	2006	91%