

SAGIR A. KHAN

Frontend Engineering Lead & JavaScript Specialist

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PROFILE

For nearly a decade, Sagir has worked on ground-breaking ideas at the intersection of business, design, and technology. He has transformed brands, grown businesses and delighted customers through digital experiences that wow. His passion and creativity have impacted some of the world's most recognized brands, most recently as the frontend engineering lead for IBM Financial Crimes Due Diligence with Watson™ and previously as the lead experience engineer for IBM Metro Pulse and Whirlpool Connect to Care™. His portfolio includes game-changing experiences on digital, mobile, and wearable platforms for brands like IBM, Accenture, HSBC, Barclays, Tesco, Whirlpool, Best Buy, América Móvil and more

TECHNICAL SUMMARY

- Crafts beautiful and high performing web/mobile applications, leveraging on modern tools, techniques and methodologies to develop clean, efficient and reusable enterprise-grade code
- Insists on delivering exceptional user experiences and passionate about great design
- Coaches, educates and advocates front end development best practices

EXPERIENCE

Frontend Engineering Lead, IBM

2015 – Present

IBM Interactive Experience (iX) is the world's largest digital agency network, that thinks bigger than an agency and more creatively than a consultancy. They fuse strategy, data, and design to help companies reinvent their customer experience | ibm.com/ibmix

Products worked on:

- IBM Financial Crimes Due Diligence with Watson: Automates the screening process by using cognitive accelerators across hundreds of sources ranging from company registries to search engines to uncover previously unknown risks in business relationships and increase the accuracy of client lifecycle processes | ibm.com/us-en/marketplace | youtu.be/8gGSHf0nJ6M
- IBM Metro Pulse: Harnesses the heartbeat of a neighborhood by combining a diverse set of time-sensitive, hyper-local city data with enterprise data and then applying cognitive computing to reveal block-by-block dynamics | ibm.com/metropulse | youtu.be/QMmpYK9U4zY

Clients worked with:

- Barclays: The world's most powerful transnational corporation in terms of ownership, with operations in over 50 countries and around 48 million customers
- HSBC: The world's seventh largest bank by total assets and the largest in Europe with total assets of US\$2.374 trillion
- Whirlpool: The world's largest home appliance maker, with an annual revenue of \$21 billion, 100,000 employees and 70+ manufacturing and research centers | youtu.be/P90AbGc3yPw
- América Móvil: The world's 4th largest mobile network operator in terms of subscribers

SKILLS

Modern Web Stack

JavaScript (ES5/6+)
React.js + Redux
AngularJS
Node.js + Express
MongoDB + Mongoose
D3.js
jQuery
Bootstrap
Sass
CSS3
HTML5

Methodologies

Test Driven Dev.
Agile/Scrum
Design Thinking
Responsive Web Design
Applied Visual Design
Applied Accessibility
Remote Delivery

Tools

Git, GitHub
Webpack, Babel
ESLint, Jest
Visual Studio Code
Chrome Dev. Tools
Photoshop
Illustrator
Sketch

EDUCATION

B.E. Comp. Science
Top 2% of 2012 Batch
VTU Bangalore

Software Engineer, Tesco

2014 – 2015

Tesco is the world's third-largest retailer with 6500+ stores in 12 countries across Asia, Europe, and North America, catering to over 75 million shopping trips every week in their stores and online, and delivering food to half a million homes a week | [tesco.com](https://www.tesco.com)

- Worked with teams in Asia and Europe to build features for various web properties, ensuring high quality, performant, accessible, cross-browser compatible, standards-compliant code

Software Engineering Associate, Accenture

2012 – 2014

Accenture is a global management consulting, technology services and outsourcing company helping clients become high-performance businesses and governments | [accenture.com](https://www.accenture.com)

Clients worked with:

- Best Buy: The world's largest multi-channel consumer electronics retailer, with more than 1.5 billion visitors to their websites and stores each year
- QBE Insurance: In the world's top 20 insurance companies, with operations in 43 countries

IoT Engineer & Founder, Things Foundry

2011 – 2012

Things Foundry was a service provider for building smart devices and robots for the internet of things

Products worked on:

- Project Viper: An Arduino-based snake that uses a sine-wave algorithm for movement
- SLAM (Smart LAwn Mover): A smart lawnmower that detects and avoids humans/obstacles
- gCAR (gesture-Controlled Autonomous Robot): An unmanned ground vehicle that takes directions through gestures made by hand using Arduino and Microsoft Kinect

Web Developer, Pixels & Wickets

2003 – 2004

Pixels & Wickets was a freelance design, development and maintenance shop for clients' web properties

HIGHLIGHTS & AWARDS

- Teaching Assistant at [Watch and Code®](#), 2017. Helping students the world over to build a strong foundation for professional full stack JavaScript development
- Featured Pen Profile, 2016. Recognized as the top 1% of UI/UX practitioners in the Strategy, Creative and Design group at IBM, for driving initiatives and delivering exceptional value
- Featured in [Deccan Chronicle](#) and [Citizen Matters](#), 2012. Built (Haat)Beats, a platform to connect organic farmers and consumers, in 48 hours at Global Sustainability Jam

CERTIFICATIONS

IBM Cognitive Services Practitioner

IBM Design Thinking Practitioner

Accenture Certified Retail Industry Generalist

AMCAT Certified Creative Content Developer

EXPLORE MORE ABOUT HIM | [linkedin.com/in/sagirk](https://www.linkedin.com/in/sagirk) | github.com/sagirk