

# Yusuf I Patrawala

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A software development engineer working with varied tools and frameworks on platforms and areas of **Mobile Application Development**. Also having knowledge about backend, web development, desktop applications in a range of languages.

## CURRENT WORK:

PageSuite <i>(June, '20 - Present)</i>	MIT University (Kothrud) <i>(Oct, '18 - Present)</i>
Software Development Engineer (Android, Java, Kotlin, Flutter, iOS, Swift)	Visiting Faculty of <b>Android Development</b> .

## Past Work Experience:

### **Ignite Solutions** *(May, 2017 - June, 2020)*

Software Development Engineer (Android, Java, Kotlin, Flutter)

### **Idris Automation** *(December, 2016 - March, 2017)*

Automation Engineer Intern (Software & Mechanical Engineering)

Completed various projects in **Vision Systems & Image Processing** (using OpenCV, AForge, etc.) to build micron level measurement systems, and automated testing & quality maintenance systems in industries of tyre manufacturing, textile, etc.

## SKILLS:

Mobile Development: Java, Kotlin, XML, React Native, Flutter, Dart, Swift

Web Development: HTML, CSS, JavaScript, AngularJS, PHP, SQL, WordPress

Other Familiar: C# .NET, Python, Open CV, Ruby, Docker

Tools: GIT, Firebase Services, Crashlytics, FCM, Fastlane, CI/CD

Designing: Photoshop, Corel Draw, Sketch, Zeplin

## PROJECTS at Ignite Solutions:

Enfold	• Android (Java, XML) Enfold provides digital lockers to keep documents.
PhonePass	• Android (Java, XML) A mobile app having a gamified user interface, for patented security. Animations, Canvas, Sensors, Custom Views

Nap26	<ul style="list-style-type: none"> <li>• Android (Java, Kotlin, XML)</li> </ul> Research POC, Critical Animations, Canvas, Libraries
Wildlife of India	<ul style="list-style-type: none"> <li>• Android (Java, XML)</li> </ul> Detailed Animations, Custom Views, POC
BooksPlus	<ul style="list-style-type: none"> <li>• Android (Java, Kotlin, XML, Flutter) • Open CV</li> </ul> Image Processing, Interactive content like Audio Gallery, Music Player, Image & Video Gallery, Map, Article Reader, Factoid Viewer
Priv8Pay	<ul style="list-style-type: none"> <li>• Android (Java, Kotlin, XML)</li> </ul> App-Auth, Camera, Location Aware APIs, Security, Corporate Expense Tracking , PCI Compliances
Hero League	<ul style="list-style-type: none"> <li>• Android &amp; iOS (Flutter)</li> </ul>

## Other Projects:

FMB Pune & Khar (Java, XML)

Rosetta (Java, XML)

Key Features: Location Tracking, Camera

Izan (Java, Kotlin, XML, AngularJS, PHP, MySQL)

Zahabi / Taiyebi Qardan Hasanah (Java, Kotlin, XML, AngularJS, PHP, MySQL)

Zohra Industries (Java, Kotlin, XML, PHP, MySQL, C# .NET)

Key Features: Integrate with Tally ERP, QR Code generator, scanner, Inventory tracker

M Y Construction (HTML, CSS, AngularJS, PHP)

Care Takers (Java, Kotlin, XML, PHP Laravel/Lumen, MySQL)

Sapphire Glass (Flutter, Android/iOS, Firebase Storage, Firestore, FCM, RemoteConfig)

## Internal Library Projects (to be open sourced):

React Native	Scrolling Backdrop (Android & iOS – currently working)
Android (Java, Kotlin)	Gradify Gooey Dial Picker Backdrop Layout ( <a href="https://github.com/yusufpats/backdrop">github.com/yusufpats/backdrop</a> )

## ACADEMICS:

BE (2016) - Distinction	Trinity College of Engineering & Research (Pune University)
HSC (2012)	S.M. Choksey Junior College, Pune
ICSE (2010)	The Bishop's School, Pune

## PROJECT & PUBLICATIONS:

1. Effectiveness of Pedestrian Safety Technologies for the New Age Car: A Review. *(This work was published in ISET-2016, Paper Number-120)*
2. Manufacturing of Headform Conforming to the Indian Standard for Testing of Helmets *(This work was published in 17<sup>th</sup> ICPMAE-2016)*
3. Development of Modern Helmet for Two-Wheeler Riders *(Academic Project)*