

# PAVAN KUMAR S

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## PROFILE

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Versatile Mobile Application Developer with 6.6+ years of experience, specializing in Flutter (5.7 yrs) and Kotlin/Android (5.6 yrs). Expert in building high-performance, scalable apps using clean architecture, modular design, and CI/CD. Proven track record in delivering production-ready mobile solutions, leading agile teams, and driving app optimization, automation, and seamless user experience.

## TECHNICAL SKILLS

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**Languages & Frameworks:** Dart | Flutter | Kotlin | Android.

**Architecture & State Management:** Clean Architecture | BLoC | Cubit | Riverpod | Provider | MVVM | MVC | Getx | setState().

**Firestore Suite:** Firebase Auth | Firestore | Realtime DB | FCM | Crashlytics | Analytics | Performance Monitoring.

**Networking & Local Data Base:** Dio | Retrofit | REST APIs | OkHttp | DataStore | SharedPreferences | sqflite | Hive.

**Testing:** Flutter Unit Testing | Widget Testing | Integration Testing | Mockito.

**Tools & Platforms:** Git | Bitbucket | CI/CD (Codemagic, Bitbucket Pipelines) | Android Studio | Xcode | WebSocket | Jira | ClickUp.

**UI/UX & Animations:** Flutter Custom Animations | Tween | Lottie | Rive | GoRouter | Deep Linking | Responsive Design | Isolates.

## EXPERIENCE

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Desk Nine Pvt Ltd ( Fintech ) | Subject Matter Expert (Senior Mobile Developer – Flutter + Kotlin) | Bengaluru, India  
(Nov, 2022 - Present)

- Designed a customizable micro-frontend architecture, inspired by web architecture principles.
- Reduced app load time by 40% using Isolates and optimised caching.
- Integrated CI/CD pipelines through Bitbucket for automated
- Deployments customized and extended packages such as `mention-flutter` and `flutter-animations`.
- Implemented clean architecture with BLoC and Cubit, integrating it into the project framework.
- Integrated third-party plugins including firebase-notifications, network-image, web-sockets, url-launcher, and pdf-viewer.
- Conducted code and application performance reviews, alongside integrating crash analytics.
- Wrote unit and widget tests using flutter\_test and Mockito with 80% coverage across core modules.
- Automated CI/CD pipelines using Bitbucket and GitHub Actions for weekly releases, cutting deployment effort by 40%
- Built reusable Flutter widgets and location-aware modules using Google Maps API, reducing UI build time by 25% across projects.

Zibtek: Custom Software, Mobile & Web App Development Company. | Team Lead – Mobile (Flutter/Kotlin) | Bengaluru, India (Sep, 2019 -Nov, 2022)

- Delivered 10+ production-ready apps using Flutter and Kotlin with 95% crash-free sessions.
- Led a mobile team, set architecture standards using MVVM, Clean Architecture, and Kotlin Coroutines.
- Applied state management using Riverpod, GetX, and Provider for reactive application flow.
- Integrated Firebase services, dio, shared\_preferences, and handled robust offline data flows with Room.
- Built custom animations, pixel-perfect UI, and conducted unit/widget/integration testing across features.
- Conducted R&D and handled Google Calendar/timezone complexity in a large-scale scheduling module.
- Led team and delivered project 3 weeks ahead of deadline.
- Executed CI/CD via Codemagic.

Mode-Stack Technologies Pvt Ltd. | Jr. Mobile Developer | Bengaluru, India. (April, 2019 - May, 2020)

- Implemented Shimmer for smooth loadings.
- Designed reusable widgets and complex Flutter animations using AnimationControllers and Builders.
- Integrated REST APIs and Google Maps using geolocation APIs.
- Deployed apps via Codemagic CI/CD, managed SharedPreferences and caching layers.
- Built Shimmer loading, WebViews, and enhanced UX for onboarding and transactional modules.

Dancify International Pvt Ltd. | Jr. software developer | Bengaluru, India. (December, 2018 - April, 2019)

- Built responsive web UIs using HTML5, CSS3, Bootstrap, JavaScript, and jQuery.
- Enhanced web performance with lazy loading and code optimizations.

## Pub Dev Packages and Live Apps

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Melento: Cross-platform Flutter app for internal communication, documentation, and workflow management. Used Flutter + Firebase + WebSocket with custom plugin integrations.

Live App Link : [Clickable-Playstore](#) | [Clickable- Appstore](#)

SignDesk - Sign with Ease : SignDesk mobile app enables businesses to digitally onboard customers, eSign documents, and manage workflows with eStamping and eMandate integration. It streamlines contract lifecycle management (CLM) and ensures compliance with Aadhaar, UIDAI, and RBI standards. Built using Flutter with native Kotlin integration for secure and scalable execution.

Live App Link : [Clickable-Playstore](#)

BlockParty, Inc: AdTech platform enabling local businesses to promote in real-time. Integrated with native Android via Kotlin for background tasks and advanced analytics.

Live App Link : [Clickable-Playstore](#)

## EDUCATION

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B.E. in Computer Science | Visvesvaraya Technological University, Bengaluru, India (2014 - 2018)