PAWAN KUMAR

Full Stack Mobile & Web Application Developer

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LinkedIn | GitHub

PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience specializing in Flutter, Firebase, React.js, and Node.js. Delivered high-performance mobile and web applications achieving 850K+ downloads with 0.9-second load times. Architected scalable backend infrastructure supporting 150,000+ daily active users with 99.9% uptime. Expertise in developing reusable component libraries, optimizing application performance, and implementing secure payment solutions.

TECHNICAL SKILLS

Programming Languages: Dart, JavaScript, TypeScript, HTML5, CSS

Frameworks & Libraries: Flutter, React.js, Next.js, Node.js, Express.js

State Management: BLoC, Provider, Redux, Context API

Databases: Firebase Firestore, MongoDB, MySQL

Cloud Services: Firebase, Google Cloud Platform

Tools & Technologies: Git, GitHub, RESTful APIs, GraphQL, CI/CD, WebSockets

Payment Integration: Razorpay, PhonePe

Other: Performance Optimization, Responsive Design, Push Notifications

PROFESSIONAL EXPERIENCE

Full Stack Mobile & Web Application Developer
GBVN Edutech Private Limited (Taiyari Karlo)

June 2021 - Present | Jaipur, India

- Led development of the Taiyari Karlo Ed-Tech platform, achieving 850K+ downloads and boosting user engagement
- Optimized Flutter widgets and data structures to achieve 0.9-second load times across Android, iOS, and Web platforms
- Designed and implemented scalable RESTful APIs using Node.js and Firebase, enabling real-time data synchronization
- Integrated Razorpay and PhonePe payment gateways, ensuring secure, frictionless transactions
- Created reusable component library of 50+ custom widgets, reducing development time for new features by 40%
- Architected backend infrastructure handling 150,000+ daily active users with 99.9% uptime
- Developed custom animated UI elements contributing to visually compelling and user-friendly interfaces

WhatsApp Business Integration System Developer
Freelance Project
January 2023 - March 2023 | Jaipur, India

- Developed custom WhatsApp integration using Meta Graph API with webhook implementation

- Created responsive web interface with Firestore backend supporting advanced filtering capabilities

- Implemented automated personalized messaging to targeted users, increasing client revenue by 28%

- Built real-time chat functionality, comprehensive search features, and seamless app integration

- Designed solution handling 500+ daily messages with 99.7% delivery rate

PROJECTS

OK Travel - Travel Agency Management App
Flutter, Firebase, Node.js

- Developed comprehensive management app for Indian travel agencies with multi-platform bookings

- Implemented payment tracking, expense management, and cash flow monitoring features

- Created real-time analytics dashboard, comprehensive reporting tools, and secure OTP login

- Built customer & supplier relationship management with automated notifications

- Optimized for offline use with data synchronization capabilities

Math Equation Editor (Open Source)
Flutter, Web, LaTeX

- Created web-based mathematical equation editor with real-time LaTeX rendering

- Implemented responsive design supporting both desktop and mobile views

- Built state management using BLoC pattern for efficient data flow

- Developed export options (PNG, SVG, EPS) and beta image editing capabilities

- Added features like dynamic bracket sizing, symbol selector, and font size adjustments

Android TV PDF Viewer (Open Source)
Flutter, Android TV

- Developed the first-ever open-source PDF viewer for Android TV platform

- Built with Flutter for optimal large-screen performance

- Implemented intuitive TV remote navigation controls

- Optimized for seamless viewing of large PDF files

- Created with careful consideration for TV interface requirements

Catering Group App
Flutter, React.js, Firebase

- Built multi-platform catering management solution with mobile app and web dashboard

- Implemented menu customization, real-time order tracking, and reporting features

- Integrated real-time data synchronization between platforms

- Delivered project ahead of schedule with automated process management

- Provided analytical insights improving client operations

EDUCATION

Bachelor of Science (Physics, Chemistry, Mathematics)

Maharaja Ganga Singh University

Bikaner | 2018

O Level Certification (Computer Software Technology)

National Institute of Electronics & Information Technology (NIELIT)

2018 | B Grade

LANGUAGES

- Hindi - Native

- English - Proficient

ACHIEVEMENTS

- Created the first-ever Android TV PDF viewer addressing a significant gap in the ecosystem

- Optimized image and video loading mechanisms, reducing cellular data usage by 35%

- Developed apps achieving 850K+ downloads with excellent user ratings

- Increased code reliability through comprehensive component libraries and testing