Prajwal Megalamani Software Developer

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🔗 Portfolio   in Linkedin

○ Github

💼 PROFESSIONAL EXPERIENCE

06.2024 – present Bangalore, India	**Stealth Startup** Founding Engineer
12.2023 – 06.2024 Bangalore, India	**Peepul Tree** ⧉ Software Developer
03.2023 – 11.2023 Bangalore, India	**Jar** ⧉ Software Developer 04/2023 - **Employee of the month**
06.2022 – 03.2023 Bangalore, India	**Publicis Sapient** ⧉ Associate Technology L1
09.2020 – 12.2023 Hubli, India	**Samsung Prism** ⧉ Research Intern
12.2020 – 04.2021 Hubli, India	**Hult Prize Foundation** ⧉ Entrepreneurship College Level Secured 3rd place

🎓 EDUCATION

2018 – 2022 Hubli, India	**Electronics and Communication** KLE Technological University ⧉ Bachelor Of Engineering

📁 PROJECTS

MemeTv ⧉
Telegram Mini App (Web3)

Overview: Built a Telegram MiniApp to engage users with various crypto features.
Key Features:
- Real-time betting games and point-based reward systems.
- Social media verification tasks (e.g., join Telegram channels, follow on Twitter).
- Integrated Telegram bot notifications and secure payment processing.
- Real-time transaction updates and dashboard creation for user progress tracking.
- Multi-language support with separate versions for India and international users.

Achievements:
- Onboarded 2.5 lakh+ users with an 8% 30-day retention rate.

Tech Stack:
- Backend: Express, Node.js, MongoDB, Redis.
- Blockchain: Blockchain Integration, Blockchain Scraper.
- Features: Telegram Bot API, Redis Caching, UTM Tracking,.
- Deployments: PM2, AWS EC2, AWS Amplify, Vercel.

JAR Web App ⧉
Digital Gold Saving Platform

Overview: Developed a Progressive Web App (PWA) with key functionalities like Buy, Sell, Daily Savings (AutoPay), and Transaction History.

Key Features:
- Secure authentication with JWT and token management.
- Payment gateway integration with Juspay and PhonePe.
- Responsive UI/UX with seamless API error handling using Axios.
- Real-time updates on user transactions and savings history.

Achievements:
- Launched a business platform that grew partnerships with brands like CaratLane and SBI.

Tech Stack:
- Backend: Spring Boot, Postgres, MongoDB.
- Frontend: Nextjs, Redux, Ant design, SSR.
- Features/Tools: Axios, Interceptors, JWT Authentication, Juspay, PhonePe.

Alpha Countdown ⧉
NPM Package

Overview: Created a customizable React Countdown component for displaying countdowns with various options and type-safe configurations.

Key Features:
- Smooth progress animation and customizable display options.
- Callback functions for accessing countdown data.
- Comprehensive documentation for quick implementation.

Achievements:
- Published the package on NPM, receiving positive feedback from the community.

Peepul Tree ⧉
Artisans E-Commerce Platform

Overview: Developed a scalable micro-frontend architecture to enhance modularity and maintainability.

Key Features:
- Dynamic product pages with extensive customization options.
- Integrated Algolia for fast and relevant search results.
- Payment gateway support for PayPal, Razorpay, and PAYU.
- Optimized the site for SEO and performance, boosting conversion rates.

Achievements:
- Increased conversion rate from 0.5% to 1.5% by enhancing performance, accessibility, and user experience.
- Implemented GraphQL APIs to streamline data fetching, reducing backend requests and improving page load speeds.
- Achieved better scalability and faster deployment cycles through Module Federation.

Tech Stack:
- Backend: Shopify, Prisma with MongoDB.
- Frontend: React.js, Sanity CMS, MicroFrontend Architecture.
- Libraries/Tools: GraphQL, Algolia Search, Module Federation, Shopify, Sanity CMS.

Sic Games ⧉
DApp on Solana Chain

Overview: Developed a decentralized gaming application with interactive and engaging features.

Key Features:
- Real-time gameplay with secure socket connections.
- Integration of Solana smart contracts for true random number generation.
- Blockchain scraping for transaction data and game verification.

Achievements:
- Launched a successful DApp with growing user engagement.

Tech Stack:
- Blockchain: Solana Smart Contracts.
- Backend: Node.js, Express, Socket.io,MongoDB.
- Libraries/Tools: Solana SDK, Blockchain Scraper.

Artisans Portal
Internal Tool

Overview: Developed a Progressive Web App (PWA) for artisans to manage and track order requests.
Key Features:
- Order management with real-time updates and notifications.
- Offline functionality for enhanced reliability.
- User-friendly interface tailored for artisans.

Achievements:
- Improved productivity and order tracking for artisans.

Tech Stack:
- Backend: Node.js, MongoDB.
- Frontend: Nextjs, PWA.

Additional Projects

- **NEK by Jar – Jewelry E-Commerce Platform** ⊡
  - **Built a scalable jewelry e-commerce platform** with secure payment gateways and real-time notifications to improve transaction reliability.
  - **Developed an admin dashboard** for efficient management of products, users, and orders, streamlining business operations.
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- **JAR Stories – WebView Feature**
  - **Created a fast-loading, AMP-HTML-based stories feature**, enhancing user engagement and improving website performance.
  - **Enabled cross-platform messaging** between React Native and WebView, ensuring real-time synchronization across platforms.
  - **Improved user engagement** by optimizing stories for both mobile and desktop users, resulting in a more seamless experience.
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- **JAR CRM – Internal Tool**
  - **Designed interactive data display components** for the JAR CRM, improving data visualization and user interaction.
  - **Integrated real-time updates** to ensure customer data remains accurate and current.
  - **Enhanced operational efficiency** by streamlining customer data management processes.
  - **Contributed to backend development** to ensure secure data storage, validation, and authentication using JWT.

- **Spotify UI Clone** ⊡ **(Tailwind):** Built a responsive UI replica of Spotify using Tailwind CSS.
- **Natours** ⊡ **(SCSS):** Developed a trip booking website with modern UI and seamless navigation.
- **E-Commerce Site** ⊡ **(React, Redux):** Created a shopping website with state management, product filtering, and order processing features.

🐰 INTERESTS

Passionate about exploring unique and innovative open-source projects.

Love tinkering with things and building DIY projects.

Enjoy creating useful software solutions for personal use and productivity. — Attendance Calculator ⊡

Contributing to open-source communities and collaborate on projects.