

Ram Kumar N

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Professional Summary

Solution Engineer at Pupa Clic, with comprehensive experience in backend engineering, frontend development, and cross-platform app delivery. Adept at architecting scalable web and mobile solutions for diverse industries, including service-based, multimedia, healthcare, and e-governance projects.

Work Experience

Solution Engineer

Pupa Clic, Chennai | September 2022 – Present

- ❖ Started as a **frontend UI/UX developer** for a 3-panel recharge platform, later extending to **Laravel API support**.
 - ❖ Built and maintained a **React Native multimedia app** (1 year), ensuring smooth cross-platform performance and optimized file handling.
 - ❖ Contributed to a **React-based onboarding/tenant management app**, supporting UI work and gaining experience in CI/CD workflows.
 - ❖ Developed a **contributor metrics platform (MERN stack)** and later scaled a **hospital–doctor consultation system** with complex backend APIs and well-structured admin workflows.
 - ❖ Delivered a **government mobile app (Cordova)** with user-friendly, compliant interfaces.
 - ❖ Supported **e-commerce platforms (web & app)**, improving deployment processes and ensuring consistent user experiences.
 - ❖ Built smaller projects, including an **AI-powered video generator** and a **SaaS review collection platform**, emphasizing modular code and reusable components.
 - ❖ Currently serving as backend lead for a **major service-based project** inherited from another company, **improving API performance, enhancing admin panel UX with advanced filters, graphs, and data visualization, and driving long-term maintainability and scalability**.
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Education

B.Sc. Computer Science

St.Joseph's College of Arts And Science Cuddalore | Completed 2022

College Projects

Mentoring Management System

- ❖ **Architected and independently migrated** a legacy academic mentoring system (originally built in PHP) to a modern **full MERN stack** to improve performance and scalability.
- ❖ **Developed and deployed** a RESTful API and a responsive user interface, **enhancing the platform's functionality** for both students and mentors.
- ❖ **Demonstrated** strong full-stack engineering skills from database design (MongoDB) to frontend implementation (React.js), resulting in a complete and functional application.

Event Branding and Leadership

- ❖ Designed banners and managed event branding using Adobe Photoshop for college activities.
 - ❖ Organized and volunteered in academic, technical, and cultural events, displaying leadership and collaboration skills.
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Awards

- ❖ Best Explorer Award, Pupa Clic (2024)
 - ❖ Gold Medalist, Computer Science Department
 - ❖ Second Place, Cyber Security Poster Presentation
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Technical Skills

- ❖ **Backend:** Node.js (Express), REST APIs, Laravel, Perfex CRM (PHP)
- ❖ **Frontend:** React, React Native, Angular, Next.js, Tailwind, MUI, jQuery
- ❖ **Full Stack:** MERN (MongoDB, Express, React, Node), MEAN (MongoDB, Express, Angular, Node)
- ❖ **Mobile / Native:** React Native, Native Android (Java), Swift (iOS), Cordova
- ❖ **Databases:** MySQL, PostgreSQL (incl. Neon), MongoDB
- ❖ **Integrations:** Google Maps, Stripe, Razorpay, DIBSY, OneSignal, SendGrid, Infobip, Firebase Analytics, Branch.io
- ❖ **Dev Tools:** Git, Postman, PowerShell, Adobe Photoshop, Microsoft Office
- ❖ **Collaboration:** Canva, Google Suite, Microsoft AI, GPT & Gemini (AI image generation)
- ❖ **Other:** TweenCraft animation (YouTube content creation), strong communication & troubleshooting