

GNANA PRAKASH

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Dubai, United Arab Emirates


PROFESSIONAL SUMMARY

Dubai-based Front-End Developer with 4 years of experience delivering scalable, high-performance, accessible web applications and mobile applications using React, React Native, Next.js, Angular.js and Node.js. Adept at building reusable components, integrating REST APIs, and ensuring cross-browser compatibility. Skilled in Agile development and collaborating with cross-functional teams. Currently on a dependent visa and available for immediate joining.

TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3/SCSS
- **Web Technologies:** React.js, Next.js (App Router), Angular.js, Tailwind CSS, Shadcn/UI, Ant Design
- **Mobile Development:** React Native (Expert), Expo, React Navigation, Reanimated, NativeWind
- **State Management:** Redux Toolkit, Zustand, React Query (TanStack)
- **Backend & Infrastructure:** Node.js, Express.js, Prisma ORM, Zod (Validation), NextAuth.js, JWT
- **Database Systems:** PostgreSQL, MongoDB, Firebase Realtime Database
- **Cloud & DevOps:** AWS (S3), Vercel, Heroku, GitHub Actions (CI/CD), Git
- **Specialized Integrations:** Razorpay (Payments), Real-time Trading APIs, URL Scraping, Adobe Experience Manager (AEM)
- **Engineering Tools:** Cursor, VS Code, Postman, Figma (Design-to-Code), Jira, Agile/Scrum
- **AI Productivity Tools:** GitHub Copilot, Cursor AI

WORK EXPERIENCE

- **Bytecompass LLP**  April 2022 - January 2026
Software Developer Madurai, India
 - **Full-Stack Delivery:** Engineered and maintained production-ready web and mobile ecosystems for high-impact **Fintech and Healthcare** platforms using **React, React Native, and Node.js**, focusing on mission-critical system stability and seamless user experiences.
 - **System Architecture:** Architected an **Enterprise Data Manager** featuring dynamic schemas, **Zod-based schema validation**, and high-concurrency bulk upload workflows to optimize data integrity.
 - **Performance Optimization:** Enhanced platform efficiency by 30% through advanced **API design, intelligent code-splitting**, and the implementation of modular, reusable UI components.
 - **Technical Integration:** Seamlessly integrated **Prisma ORM, PostgreSQL**, and secure third-party payment gateways (Razorpay) to support complex transactional and operational workflows.
 - **AI-Driven Productivity:** Leveraged GitHub Copilot and Cursor to optimize code efficiency, reducing development cycles while maintaining clean, type-safe code standards.
 - **Strategic Collaboration:** Acted as a technical bridge between Figma design teams and backend infrastructure units to translate complex product visions into high-performance user experiences.

PROJECTS

- **A2Z: Enterprise POS/ERP & Admin Mobile Ecosystem**
Tools: React Native, Node.js, Redux, Firebase, Tailwind CSS
 - Engineered a comprehensive ERP and Point-of-Sale (POS) system integrated with a cross-platform mobile application for administrative oversight.
 - Developed a centralized admin dashboard in React Native to manage multi-service vertical operations, real-time inventory, and transactional logs.
 - Implemented live data synchronization using Firebase to ensure zero-latency updates between the retail POS terminal and the mobile admin interface.
 - Architected modular service management flows, allowing administrators to monitor and execute business-critical operational workflows on the go.
- **Investo: Fintech Portfolio Management System**
Tools: React.js, Zerodha API, Node.js, Chart.js, Redux Toolkit
 - Developed a multi-role investment platform featuring secure, distinct dashboards for administrators, advisors, and end-users.
 - Integrated Zerodha Trading APIs to facilitate real-time stock basket creation and automated portfolio synchronization.

- Created interactive financial visualizations using Chart.js, providing users with live data-driven investment performance metrics.
- **Prism: Scalable Job & Contractor Marketplace**
Tools: React.js, Elasticsearch, Firebase, Razorpay, Node.js
 - Architected a large-scale marketplace with optimized user flows connecting employers and professional contractors.
 - Implemented Elasticsearch-powered full-text search and real-time filtering to handle high-concurrency talent matching queries.
 - Automated financial operations by integrating Razorpay for secure invoicing and global payment processing.
- **Data Manager: Enterprise System Architecture**
Tools: TypeScript, React.js, Prisma ORM, PostgreSQL, Zod
 - Designed a robust enterprise data management system featuring dynamic form builders and modular schema support.
 - Leveraged Prisma ORM and PostgreSQL to manage complex relational datasets, ensuring high availability and data integrity.
 - Enforced strict type-safety and backend validation using Zod, reducing runtime errors and improving system maintainability.

CERTIFICATIONS

- **React (Basic) Certificate** Jan 2023
- **Certifying Body:** HackerRank
- **JavaScript (Intermediate) Certificate** Jan 2023
- **Certifying Body:** HackerRank

EDUCATION

- **Anna University** Aug 2017 - April 2021
Bachelor of Engineering
Tamil Nadu, India
 - Specialized in technical foundations and engineering principles relevant to software development.

ADDITIONAL INFORMATION

Languages: Fluent in English

Availability: Immediate

Visa Status: Visit Visa (Dubai)

Soft Skills: Problem-Solving, Communication, Adaptability, Team Collaboration

Interests: Interest 1, Interest 2, Interest 3, Interest 4