

# ARUN KARTHIK.N

## FULL STACK / FRONT-END AI ENGINEER

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### CORE TECHNOLOGIES:

• Angular • TypeScript • JavaScript • Node.js • REST APIs • MySQL • RxJS  
• Docker • AWS EC2 • HTML5 • CSS3 • SCSS • Git • Figma

### PROFESSIONAL SUMMARY:

Full Stack Engineer with **3+ years of experience** in Angular, JavaScript, Node.js, APIs and cloud deployment. Skilled in building scalable web applications, responsive UI systems and AI-assisted digital products. Experienced in frontend engineering, UI/UX design, Docker, AWS and product development for enterprise and IIoT platforms.

### WORK EXPERIENCE:

#### UI/UX DEVELOPER

Apr 2023 - Present

#### *Niraltek Solutions Private Limited*

Chennai, TN, IN

*SaaS platforms engineer responsible for building scalable digital platforms, intelligent UI systems and enterprise dashboards web experiences and IIoT solutions. Contributed across development, UI/UX, deployment, automation, branding and digital growth while aligning technical execution with product goals.*

- Frontend systems Engineering:** Built and delivered customer-facing, **scalable web applications, dashboards and** digital tools aligned with business goals using modern frontend and full-stack technologies.
- UI/UX & Experience Design:** Designed and owned end-to-end UI/UX including **wireframes, prototypes, mockups** and responsive interfaces ensuring intuitive and user-centric product experiences.
- Application Delivery & Deployment:** Managed application deployments across cloud and on-prem environments using **Docker, Linux, AWS EC2, WordPress, VMs** and CI/CD improving development-to-production efficiency.
- Digital Solutions & Branding:** Led branding initiatives, SEO optimization, digital campaigns, social media management and content creation to strengthen product visibility and user engagement.
- Technical Documentation & Communication:** Created user guides, system documentation, architecture, presentations and product documentation enabling teams and clients to collaborate efficiently.
- Cross-Functional Ownership:** Worked across development, design, operations, marketing and product workflows to solve challenges, accelerate delivery and drive impactful product outcomes.

*key takeaways – Frontend Engineering, UI/UX Systems, Product Engineering, Branding and Product Development.*

#### DOCUMENT SPECIALIST

Jun 2022 – Jan 2023

#### *RR Donnelley (Boston Consulting Group)*

Chennai, TN, IN

- Created high-quality corporate PPT decks, technical documentation and business presentations for global enterprise clients with strong attention to visual clarity and professional standards.
- Specialized in business reports, sales decks and marketing presentations ensuring impactful storytelling, structured layouts and brand consistency.
- Collaborated with teams to deliver presentation-ready documents within tight timelines while maintaining accuracy, formatting quality and professional communication.

*key takeaways – Corporate Presentation Design, Technical Documentation, Visual Storytelling, Client-Focused Delivery.*

## **PROJECTS:**

### ***DevsBot — IIoT Product Management Platform***

Apr 2023 - Present

DevsBot, an IIoT-based smart energy and device monitoring platform designed for **real-time industrial monitoring**, automation and centralized device management. Built responsive dashboards, scalable UI systems and API-driven focused on usability, performance and operational efficiency.

#### **Responsibilities:**

- Spearheaded intuitive UI/UX system design including wireframes, prototypes and scalable dashboard interfaces.
- Developed responsive real-time monitoring dashboards using **Angular and custom grid-based layouts** for device management and analytics visualization.
- Built interactive data visualization components using **PrimeNG, Chart.js and NgX-Charts** for analytics and monitoring insights.
- Integrated **REST APIs, WebSockets and** backend services using **Node.js with MySQL** for real-time monitoring and operationals..
- Managed cloud and on-prem deployments using Docker, Linux, AWS EC2 and CI/CD ensuring smooth application delivery and scalability.
- Contributed to branding, SEO optimization, content creation and technical documentation supporting product growth and digital presence.

**Tech Stack** -- *GitHub*(Version Control); *Angular* (Frontend); *JavaScript & TypeScript*; *Node.js* (Backend); *MySQL* (Database); *DigitalOcean* (Cloud Hosting); *Postman* (API Testing); *PrimeNG, Chart.js, NgX-Charts* (Data Visualization); *VS Code* (Dev IDE);

## **SKILLS:**

- **UI/UX & Product Design:**
  - Figma, Adobe XD, Adobe Illustrator, Canva, Wireframing, Prototyping, Mockups, Responsive UI/UX.
- **Frontend Development:**
  - **Angular, TypeScript, HTML5, CSS3, JavaScript (ES6+)**, SCSS, Bootstrap, Responsive Web Design.
- **Backend & APIs:**
  - **Node.js, PHP, REST APIs**, API Integration, Socket.io, Postman.
- **Databases:**
  - **MySQL**, MongoDB, Database Design, Query Optimization, Data Modeling, Schema Management.
- **Cloud & Infrastructure:**
  - AWS, EC2, Linux (Ubuntu/Debian), Docker, Virtual Machines (VMs), **Apache, Nginx**.
- **DevOps & Automation:**
  - Git, GitHub, GitHub Actions, Jenkins, CI/CD, Shell/Bash Basics.
- **AI-Augmented Development:**
  - **Cursor AI, Claude AI, Bolt.new**, Generative AI Tools, AI-Assisted Development, Prompt Engineering.
- **Digital Solutions & Branding:**
  - SEO, **Social Media Management, Content Creation**, Branding, Campaign Management, Digital Marketing.
- **Technical Documentation & Communication:**
  - Product Documentation, **Schematic Architecture Diagrams, Pitch deck Presentations**, Product Presentations.

## **EDUCATION:**

### **Bachelors in Science – Computer Science (B.Sc. - CS)**

2018 - 2021

VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)

Pallavaram, Chennai, TN, IN

## **AREAS OF INTEREST AND DESIRED ROLES:**

Passionate about Product Engineering, AI-powered applications, scalable web platforms, modern UI/UX systems. Strong interest in building impactful digital products through frontend engineering, AI-assisted development and user-centric design. Seeking opportunities as a Full Stack AI Engineer, Frontend Engineer, Product Engineer, UI/UX Engineer, or AI Applications Engineer in product-driven technology teams.