

# KARTHIK R

## FULL STACK DEVELOPER

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### PROFESSIONAL SUMMARY

Full Stack Developer skilled in the React.js and Node.js / Express ecosystem, with hands-on experience building production-grade web apps featuring role-based authentication, REST APIs, real-time workflows, and automation. Comfortable designing secure, scalable systems with Supabase, MongoDB, and Firebase, and shipping clean, responsive UIs.

### TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), HTML5, CSS3, SQL  
**Frontend:** React.js, Tailwind CSS, Vite, Framer Motion, GSAP  
**Backend:** Node.js, Express.js, REST APIs, WebSockets, Cron Jobs  
**Databases:** Supabase (PostgreSQL), MongoDB, Firebase Firestore  
**Auth & Security:** Firebase Auth, JWT, bcrypt, RBAC, Rate Limiting  
**Tools:** Git, GitHub, VS Code, Postman, AI-Assisted Development

### PROJECTS

#### Assessment Platform — Coding & Aptitude Hiring System

[hirequantaweave.in](https://hirequantaweave.in)

**Tech:** React.js, Node.js, Express, Supabase, Tailwind CSS, Cron Jobs, bcrypt

- Built a full-stack hiring platform with MCQ rounds and live, browser-based coding assessments on a timed, auto-submitting engine.
- Designed a multi-round workflow with role-based admin dashboards to manage candidates, question banks, and shortlisting.
- Automated invitations, scheduling, and result emails via cron jobs; secured sessions with single-use join codes, bcrypt, and rate limiting.

#### QuantaWeave — Animated Startup Platform

[quantaweave.in](https://quantaweave.in)

**Tech:** React.js, Tailwind CSS, GSAP, Framer Motion, Firebase, GPT-4o Mini

- Built a cinematic startup platform with GSAP-driven 60fps animations and a zero-FOUC dark/light theme engine.
- Implemented Firebase Auth with protected routes and role-based Admin / Super Admin dashboards.
- Integrated GPT-4o Mini for AI resume parsing and auto form-filling, with responsive, performance-optimized rendering.

### EXPERIENCE

#### Web Development Intern — VK Academy IT Solutions, Bengaluru

Jan 2025 – Mar 2025

- Built responsive, industry-level UI components using React.js and Tailwind CSS in a real-world product environment.
- Independently implemented core application logic, component structure, and third-party integrations.
- Used AI-assisted tools to improve development efficiency, debugging, and workflow.

### VIDEO EDITING & CONTENT

#### Freelance Video Editor

2023 – Present

- Edited 50+ short-form reels and marketing videos for branding campaigns and Video Sales Letters (VSLs).
- Crafted engagement-driven content with strong hooks, pacing, and visual storytelling for social media.

### EDUCATION

#### B.E. — Artificial Intelligence & Machine Learning

2022 – 2026

Mahendra Institute of Technology, Tiruchengode · CGPA: 7.9 / 10

### CERTIFICATIONS

- 30-Day Web Development + React.js Bootcamp — CodeJavid
- Web Development & Designing Internship — VK Academy