AKHIL KUMAR HARIKUMAR

Austin, TX | (737) 610-9966 | hakhilkumar@gmail.com | linkedin.com/in/akhilkumarh | github.com/AkhilsWorkshop | akhilkumar.dev

SUMMARY

Full Stack Developer with over 3 years of experience building user-centric applications using React, Next.js, JavaScript, TypeScript, Node.js with a strong focus on problem-solving and continuous learning.

EXPERIENCE

Software Engineer   Jul 2024 – Present
Groovin You Entertainment LTD | Remote   *Boston, MA*
- Optimized Artist Portal by migrating to Next.js RSC, implementing lazyloading, which boosted Lighthouse performance by 70%.
- Reduced API calls to Airtable by 90% by integrating Redis for user session management and API rate limiting.
- Enforced secure authentication and role-based access control, protecting sensitive data for over 500+ users.
- Implemented Google Vision AI moderation, decreasing inappropriate profile picture uploads by 95%.

Full Stack Software Developer   Feb 2024 – Jul 2024
WebHawkx LLC | Remote   *Laurel, MD*
- Engineered a secure Admin Portal with Next.js for 6+ management staff to manage assignments, gigs, and payments, cutting manual coordination time by 50%.
- Applied webhook integrations with Make to automate workflows and email communications, reducing manual tasks by 75%.
- Mentored a team member new to tech, guiding project flow, led code reviews sessions, increasing code quality by 40%.

Full Stack Developer   May 2023 – Feb 2024
Groovin You Entertainment LTD | Remote   *Boston, MA*
- Developed an Artist Portal with Next.js and Tailwind CSS for musicians, boosting event readiness and enabling smoother, more organized performances by 50%.
- Architected Airtable APIs for the backend, preserving 100% of legacy data and saving an estimated 2+ months of migration effort by avoiding a full backend rewrite as per company preference.
- Migrated static assets to Google Cloud Storage, improving LCP and reducing page load latency by up to 90%.

Full Stack Developer   Jan 2020 – Feb 2021
Freelance   *Chennai, India*
- Partnered with a local pharmacy during COVID-19 to create an online contactless ordering app which increased sales by 95%.
- Crafted a mobile-responsive frontend with React, Tailwind CSS and a Node.js/Express backend with secure authentication and order processing, shifting over 300+ daily pharmacy visits to online orders.
- Integrated secure payments using Paytm API and automated notifications, reducing manual work by 50%.

PROJECTS

Movie Home | movie-home.akhilkumar.dev | React, Tailwind CSS, Firebase Auth, MongoDB
- Launched a movie watchlist app with real-time streaming availability, search features, attracting over 200+ monthly user visits.
- Fetched real-time movie and streaming data by integrating TMDb API with RSC, delivering HTML for 2x faster page loads.

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java
Frameworks/Libraries: React, Next.js, Node.js, Express, Django, Flask
Databases: MongoDB, MySQL, Firebase, Redis, Airtable
Cloud: AWS, Google Cloud, Vercel, GitHub, Turborepo, Heroku
UI/Tools: HTML, CSS, Tailwind CSS, Bootstrap, SASS, Framer Motion, Sentry, Git, GitHub Copilot
Certifications: AWS Certified Cloud Practitioner

EDUCATION

University of Texas at Arlington   Aug 2021 – May 2023
Master of Science in Computer Science   *Arlington, TX*
Anna University   Sep 2017 – Jun 2021
Bachelor of Engineering in Computer Science   *Chennai, India*