

AKHIL KUMAR HARIKUMAR

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SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java

Frameworks/Libraries: React, Next.js, Node.js, Express, Django, Flask

Databases: MongoDB, MySQL, Firebase, Redis, Airtable

Cloud/DevOps: AWS, Google Cloud, Vercel, GitHub, Turborepo, Heroku

UI/Tools: HTML, CSS, Tailwind CSS, Bootstrap, SASS, Framer Motion, Sentry, Git, GitHub Copilot

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.

Hello Buddy | hello-buddy.akhilkumar.dev | React, Tailwind CSS, Firebase Auth, Firestore

- Introduced a prompt-based app to track monthly bills, helping users consistently reduce expenses by up to 20%.

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