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, FastAPI, Django with a strong focus on problem-solving and continuous learning.

EXPERIENCE

Software Engineer   Jul 2024 – Present
Groovin You Entertainment LTD   *Boston, MA*

- Achieved a 70% performance boost (Lighthouse) by migrating the Artist Portal to Next.js (React) RSC and using lazy loading with code splitting.
- Implemented Google Vision AI moderation via RESTful API, reducing inappropriate profile picture uploads by 95%.
- Strengthened system security by upgrading authentication and applying role-based access (RBAC) for 1000+ users.
- Reduced API calls to Airtable by 90% through Redis integration for user session management and API rate limiting.

Full Stack Software Developer   Feb 2024 – Jul 2024
WebHawkx LLC   *Laurel, MD*

- Engineered a secure Admin Portal using Next.js (React) and GitHub Copilot that helped management staff handle gigs and payments reducing manual coordination time by 50%.
- Leveraged webhook integrations with Zapier to automate workflows and email communications, reducing manual tasks by 75%.
- Mentored a junior team member by guiding project flow and led code reviews sessions, increasing code quality by 40%.

Full Stack Developer   May 2023 – Feb 2024
Groovin You Entertainment LTD   *Boston, MA*

- Developed an Artist Portal with Next.js (React) and Tailwind CSS for musicians which boosted event readiness making performances 50% smoother and more organized.
- 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.
- Migrated static assets to Google Cloud Storage bucket, improving LCP and reducing page load latency by up to 90%.

Full Stack Developer   Jan 2020 – Feb 2021
Freelance   *Chennai, India*

- Boosted sales by 95% through launching a contactless ordering app for a local pharmacy during COVID-19.
- 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.
- Centralized user data with MongoDB, boosting retrieval efficiency by 40% for personalized movie and TV show tracking.

SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, Python, React, Next.js, Node.js, FastAPI, Django, Flask
Web Technologies: HTML, CSS, Tailwind CSS, SASS, Framer Motion, RESTful APIs, GraphQL
Databases: RDBMS (MySQL, PostgreSQL), NoSQL (MongoDB, Firebase, DynamoDB), Redis, Airtable
Cloud & DevOps: AWS, Google Cloud, Supabase, Vercel, Heroku, Docker, Turborepo
AI & LLM Tools: Assistants (GitHub Copilot, Cursor, Windsurf), LLM Integrations (OpenRouter, LiteLLM, Vercel AI SDK)
Dev Tools & Testing: Jest, Webpack, Babel, Sentry, Jira, Git
Certifications: AWS Certified Cloud Practitioner

EDUCATION

University of Texas at Arlington, USA, *Master of Science in Computer Science*   Aug 2021 – May 2023
Anna University, India, *Bachelor of Engineering in Computer Science*