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SUMMARY

Full-stack software engineer with 16 months of full-time experience and two internships, working in React, Next.js and Node.js. Cut exported video ad size on a playable ads platform from about 25 MB to about 3.5 MB to fit the 5 MB ad network limit. Built and shipped a public AI tool alone, in 6 days.

EXPERIENCE

Software Engineer

We.R.Play (WRP)

Jun 2025 – Present

Islamabad, Pakistan

- Cut exported video ad size from about 25 MB to about 3.5 MB, under the 5 MB ad network limit, by building target-size video encoding and a live size indicator with a per-asset breakdown.
- Fixed a silent Next.js production error after deploys on 2 projects, confirmed gone from logs, by reproducing it with 2 Docker images and setting a fixed encryption key and git-hash build ID.
- Caught 50 failing runs out of 468 before merge for a team of 5 developers by setting up PR checks from scratch with GitHub Actions lint and build workflows, branch rules and a Husky pre-commit hook.
- Shipped 12 features for a video ad editor alone across 15 PRs, including save, auto-save, undo and redo, playback controls, snapping and video trimming.
- Built an admin system alone that manages 100+ playable ads on a public showcase site, with restricted access for adding and editing playables, partners, products and categories, using MongoDB and Firebase.
- Merged 141 pull requests in 15 months across editor, export, admin and CI/CD work.

Full Stack AI Intern

TRIAI

Apr 2025 – May 2025

Remote

- Cut the average reply length of a children's support chatbot by about 40% (about 300 to 174 words) by rewriting its system prompt and testing prompts side by side on 25 messages with Phi-4.
- Built a client's AI workflow tool from a Figma design into a drag-and-drop flow builder with 6 node types, using React, TypeScript, Tailwind CSS and Next.js, and wrote its technical documentation.
- Converted a React app into a Manifest V3 Chrome extension for an AI Jira assistant, then built its chat history panel in one evening for a stakeholder demo.

Intern

SOFTOO

Aug 2024 – Sep 2024

Islamabad, Pakistan

- Built and deployed a full-stack personal finance tracker in under two weeks and wrote 15 automated tests for it, using React, TypeScript, Express, MongoDB and JWT authentication.
- Completed a 6-week full-stack training, and built a practice app with 6 REST endpoints on PostgreSQL in one day, using Express, Sequelize and React.

PROJECTS

Roast Tool | *Next.js, Gemini API, Upstash Redis, Vercel*

websitesroasttool.vercel.app

- Built and shipped a public AI tool in 6 days, alone, that reviews any landing page from its URL and returns a conversion score, the top issues and 3 quick fixes in about a minute.
- Made each review specific to the page by capturing screenshots at 0, 2 and 5 seconds and parsing its headlines and buttons before the Gemini call.
- Streamed results with Server-Sent Events and capped use at 5 roasts per hour with Redis rate limiting.

FiftyFifty Studio Mug Designer | *Next.js, Three.js, Tailwind CSS*

fiftyfiftystudio.vercel.app

- Noticed customers at a local photography studio wanted custom mugs but could not describe the design, so built a web tool where they pick a colour, upload artwork and see it on a 3D mug before ordering.
- Built a Three.js 3D preview with drag to rotate and pinch to zoom, and sent orders to the studio's WhatsApp.

TECHNICAL SKILLS

Languages & Frontend: TypeScript, JavaScript, React, Next.js, Tailwind CSS

Backend: Node.js, Express, REST APIs, JWT authentication, Server-Sent Events

Databases & Tools: MongoDB, PostgreSQL, Redis, Git, GitHub Actions, Docker, Vercel, Playwright

AI & Other: Gemini API, prompt engineering, Chrome extensions (Manifest V3)

EDUCATION

National University of Sciences and Technology (NUST)

Nov 2021 – May 2025

Bachelor of Software Engineering

CGPA 3.69/4.00

- Final year project: ShellSage, a Linux assistant desktop app built with Flutter.