

Tarin Agarwal

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LinkedIn: linkedin.com/in/tarin-agarwal-810793267 — GitHub: github.com/tarinagarwal — Portfolio: tarinagarwal.in

TECHNICAL SKILLS

Programming: Python, C, C++, Golang, JavaScript, TypeScript

AI/ML: Generative AI, AI Agents, LangChain, LangGraph, Reinforcement Learning, ONNX

Backend: Node.js, Express, Flask, Gin, REST APIs

Databases: MongoDB, MySQL, PostgreSQL, Prisma ORM

Frontend: ReactJS, NextJS, VueJS, TailwindCSS

Game Development: Unreal Engine 5, Unity, Blueprints, ML-Agents

Cloud/DevOps: AWS, Terraform, Git, Docker, CI/CD, Cloudflare

Other: SEO Optimization

EXPERIENCE

Game AI Intern — Remedy Games

August 2025 – Dec 2025

- Developed 3+ AI systems for NPC behavior and decision-making; prototyped and tuned 5+ features for immersive gameplay.

Software Developer — Project Hub

August 2025 – Jan 2026

- Served 20+ clients, delivering scalable applications with end-to-end development and production deployments.

Software Developer — Project Mart

Jan 2025 – Nov 2025

- Delivered 4 industry-level and 50+ small-to-mid scale projects, building scalable web apps, REST APIs, and full-stack solutions.
- Implemented features, resolved bugs, and optimized performance across diverse client requirements.

PROJECTS

Dimensional Dead

- First-person survival horror with adaptive AI using reinforcement learning to counter player strategies.
- Tools: Unreal Engine 5.2, C++, ML-Agents (PPO), ONNX, Niagara VFX — GitHub: github.com/tarinagarwal/Gameathon-Pineapples

DreamVault

- AI app that transforms dreams into stories, theme songs, and manga-style comics.
- Tools: React, Node, Express, MongoDB, Prisma, Grok LLM, Flask, Stability AI, LangChain — Live: dream-vaultai.vercel.app

Edulume (Ongoing)

- AI-powered learning platform with course generation, roadmap generation, PDF chatting, community discussions.
- Tools: React, Node, Express, Prisma, MongoDB, Grok LLM, Redis, Fast API, Pinecone — Live: edulume.site

Skribbl Clone – Real-time multiplayer game. React, SQLite, WebSockets, Node. skribbl.tarinagarwal.in

EDUCATION

BMS Institute of Technology

B.Tech in Computer Science Engineering (2023 – Present)

Aravali Public School

PCM (2020 – 2022)

ACHIEVEMENTS

- Winner - Gameathon 2K26, TECHNEX 25-26 (National Level Gameathon)
- Winner - Buildverse 2025 (National Level Hackathon)
- Runner-Up - GameForge 2025 (National Level Gameathon)
- Top 100 - Hackhazards 2025 (International Hackathon, 8000+ participants)
- Runner-Up - CodeSprint 2025 (8-hour Hackathon)
- Runner-Up - Hacksphere 2025 (8-hour Intercollege Hackathon)
- 3rd Place - Hackman V8, DSCE (24-hour National Level Hackathon)
- 3rd Place - RRC, Reva University (24-hour National Level AI Hackathon)