

PORTFOLIO

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DEMO REEL

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LINKEDIN

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ABOUT

Houdini FX Artist trained in VFX with a broad production-oriented foundation across simulation, procedural workflows, geometry, modeling, look development and rendering. Experienced in building and troubleshooting Houdini setups across SOPs, DOPs, VEX/VOP, RBD, Pyro, particles, VDBs and Solaris. I enjoy solving visual problems through Houdini while understanding the technical systems behind the result, and I bring additional experience in scripting, workflow development and AI-assisted Houdini tools.

HOUDINI & VFX

FX & Simulation	RBD destruction · RBD Material Fracture · RBD Bullet Solver · Pyro · smoke & fire · explosions · particles / POPs · debris · dust · secondary FX
Procedural & Geometry	SOPs · DOPs · VEX · VOPs · procedural FX · procedural modeling · geometry processing · attributes · UVs
Volumes & Effects	VDB · volume processing · sourcing · volume workflows · simulation-driven effects
Look Development & Rendering	Solaris · Karma · Mantra · Arnold · materials · lighting · look development · scene assembly
Modeling & Digital Content	3D modeling · Substance 3D Painter · Unreal Engine · Nuke · Photoshop · Premiere Pro
Technical & Workflow	Python · AI-assisted Houdini workflows · technical tool development · workflow automation · debugging · troubleshooting

TECHNICAL PROJECT

Autonomous Houdini Developer — Independent R&D project exploring autonomous software-development workflows for Houdini. Built around candidate generation, real Houdini/hython execution, deterministic validation, failure diagnosis, targeted repair and regression testing, with candidate isolation and stable-version protection.

BACKGROUND

VFX Training	Think Tank Training Centre — Vancouver, British Columbia, Canada Houdini for VFX / Houdini FX Diploma — Completed
Creative	Graphic design and video editing experience, including digital creatives, product visuals and video content.
Recognition	4th position at the WAVES Summit 2025 Bird's Eye View Challenge, Mumbai.

EDUCATION

Think Tank Training Centre Vancouver, British Columbia, Canada	Houdini for VFX / Houdini FX Diploma Completed
Lovely Professional University	Bachelor of Arts Completed

LANGUAGES & AVAILABILITY

English — Fluent Hindi — Fluent French — Basic (Reading & Speaking)
Open to: Full-time · Internship · Remote · International relocation