

Himanshu Soni

AI Project Lead | Development Team Lead | System Architecture

Hyderabad, Telangana, India

Phone: (+91)7382978592 | Email: er.hsoni92@gmail.com

Portfolio: himanshusoni.dedyn.io | GitHub: github.com/hsoni92

Professional Summary

Results-driven AI Project Lead & Development Team Lead with 7+ years of experience delivering end-to-end AI solutions from scoping to deployment. Proven expertise in AI project management, cloud-native architecture, and leading cross-functional teams. Spearheading AI-driven product initiatives, mentoring development teams, and delivering high-impact solutions. Known for translating business requirements into technical AI deliverables and accelerating AI feature delivery aligned with strategic goals.

Professional Experience

AI Project Lead & Development Team Lead

One Convergence, Hyderabad | April 2025 – Present

- Leading AI project initiatives from scoping to deliverables, managing cross-functional teams for cloud and AI platform development.
- Owning complete project lifecycle—from requirements gathering and technical scoping to development, testing, and production deployment.
- Mentored development teams on AI technologies, React.js best practices, and automated testing standards.
- Collaborated with product managers, AI researchers, backend, and DevOps teams to deliver seamless, scalable AI solutions.
- Championed UI migration from React.js to Next.js, improving performance and maintainability by 25%.

Senior Software Engineer

One Convergence, Hyderabad | March 2021 – March 2025

- Spearheaded UI development for Dkubex, enabling large-scale LLM deployment through intuitive interfaces.
- Built fast, responsive UIs using React.js, Node.js, and microservices to support real-time ML workflows.
- Developed and maintained automated test suites using Selenium and Python to ensure high reliability.
- Delivered 30+ product features through close collaboration with PMs and backend teams, with zero critical UI bugs.

Software Engineer

One Convergence, Hyderabad | August 2018 – March 2021

- Developed feature-rich web applications with a focus on performance and usability using React.js and PHP.
- Automated UI and REST API testing using Python-Selenium, reducing QA cycles by 30%.
- Contributed to cloud networking UI modules, integrating BackboneJS and Node.js to streamline user workflows.

Web Developer (Freelance)

March 2013 – May 2018

- Delivered custom web solutions using PHP, HTML/CSS for clients and college events at University of Delhi.

Key Projects

TestHive - AI Education Platform

Sole Developer | Independent Product Development | 2024 – Present

- Architected and developed comprehensive AI-powered EdTech platform from concept to deployment, handling full-stack development, UI/UX design, and product strategy as sole developer.
- Built intelligent test generation system leveraging LangChain and Generative AI, implementing Revised Bloom Taxonomy & NAAC guidelines for automated educational content creation and assessment.
- Delivered end-to-end product features including Google OAuth integration, AI-powered adaptive assessments, real-time analytics dashboard, and intelligent content generation with natural language processing.
- Designed responsive web application using Next.js and Node.js, implementing scalable microservices architecture with MongoDB for data persistence and Redis for session management.
- Read more: himanshusoni.dedyn.io/work/testhive

Artemis - AI Cloud Data Platform - Independent Project

AI-based SaaS for unified cloud storage search, automation, and cross-platform file operations | 2025 – Present

- Leading AI project from conception to delivery, designing and building a web platform integrating Rclone with OAuth-enabled multi-cloud connectors (Google Drive, Dropbox, Koofr, etc.) for seamless file management.
- Scoped and architected LLM-driven natural language search and smart tagging based on metadata and content, enabling intelligent file discovery across providers.
- Delivered intelligent backup, sync, and automation workflows using Rclone bisync and shell-layer scripting for cross-cloud orchestration.
- Managed product UX design and developed the LLM query pipeline to enable dynamic, conversational multi-cloud operations.
- Read more: himanshusoni.dedyn.io/work/artemis

Dkubex - Product Development

AI platform for scalable deployment of open-source LLMs | February 2024 – Present

- Led AI project scoping and translated 50+ user stories into intuitive, production-ready UX designs using Figma, improving feature discoverability and user flow.
- Managed AI project planning and estimation for multiple epics, streamlining frontend delivery timelines by up to 20%.
- Delivered AI-driven UI features across 12+ release cycles, ensuring design consistency, responsiveness, and cross-browser compatibility.

Azure Cluster Deployment Wizard - Product Development

Visual tool for configuring, validating, and deploying clusters on Azure | February 2024 – Present

- Led UI architecture using React, enabling graphical setup of cloud resources, network topologies, and deployment configurations.
- Built Node.js middleware to handle long-running workflows such as connectivity checks, environment validation, and provisioning.
- Integrated cloud APIs to support resource discovery and simulate network connectivity (ICMP, TCP, HTTP) prior to infrastructure rollout.
- Supported hybrid setups with high-availability options and permission-bound deployments across existing and new cloud infrastructure.

Hybrid Multi-Cloud - UI Development

Cloud networking interface for an enterprise hybrid cloud platform | 2019 – Present

- Owned end-to-end UI development for 7 core networking modules including Subnets, VPN Gateway, VPN Connection, BGP Sessions, BGP Gateway, Advanced Network Controller, and Subnet Extension.

- Delivered features and resolved critical bugs across release cycles; led effort estimation and planning for assigned modules.
- Worked on a large-scale React codebase ensuring performance, accessibility, and seamless integration with backend APIs.

Automated Compute Infrastructure for Organizations

Self-service web platform for provisioning and managing compute resources using OpenStack | January 2019 – October 2019

- Developed a full-stack web application using Python, PHP, and jQuery to automate infrastructure provisioning on OpenStack.
- Integrated `python-openstack-sdk` and Shell scripts to streamline middleware logic and ensure reliable orchestration of virtual resources.

Core Competencies

- **AI Project Leadership:** Leads end-to-end AI project scoping, development, and delivery for enterprise-grade applications.
- **AI & Cloud Technologies:** Expert in Generative AI, LangChain, AWS, Docker, and open-source agentic AI stacks. Actively leading AI initiatives.
- **Project Management:** Skilled in coordinating cross-functional teams, sprint planning, and timely AI product delivery.
- **UI/UX Design:** Expert in Figma for wireframing, prototyping, and high-fidelity UI development for AI applications.
- **Full-Stack Development:** Develops robust AI applications using React.js, Next.js, Node.js, and microservices.
- **Testing & Automation:** Implements unit tests (Jest, Enzyme) and automation frameworks (Selenium, Playwright) for AI systems.

Skills

AI Technologies: Generative AI, LangChain, LangGraph (Agentic AI), Vector DB, OpenWeb UI, RAG Pipelines, MCP Servers

Frameworks/Libraries: React.js, Next.js, Node.js

Languages: JavaScript/Typescript, SASS/LESS, Python

Cloud/DevOps: AWS, Docker, Kubernetes, Shell Scripting, OpenStack

Design Tools: Figma, Photoshop, Illustrator

Testing Tools: Jest, Enzyme, Selenium, Playwright

Other: REST API, Microservices, Responsive Design, Agile Methodologies, Grafana, Loki, Promtail, Redis, MongoDB

Certifications

- [AWS for Developers](#) (2023)
- [Google – Project Management Professional](#) (2025)
- [Google – Prototyping with Figma](#) (2025)

Education

Master of Computer Applications

University of Hyderabad (May 2015 – May 2018)

- Qualified UGC NET 2017

- Secured 10 CGPA in MCA Final Project at SCIS, University of Hyderabad

B.Sc Computer Science

University of Delhi (May 2011 – March 2014)