

CURRICULUM VITAE

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Objective

To work as a Full Stack Developer and AI Engineer in a forward-thinking organization where I can leverage my expertise in scalable web systems, AI-driven platforms, and cybersecurity to drive meaningful impact and contribute to organizational growth.

Education

Degree	School / University	Year of Passing	Board	CGPA / %	Degree Awarded
B.Tech	Jaypee University, Anoopshahr	2029	-	8.4	No (Pursuing)
12th	Sarawati vidya mandir	2024	CBSE	76.6%	Yes
10th	Ganga international school	2022	CBSE	84.3%	Yes

Professional Experience

CTO and Backend and AI Engineer

Organization: CompetenceAI Ed Tech Pvt Ltd

Duration: May 2025 to Present

- Leading backend architecture and AI research for an AI-powered education platform.
- Designing scalable APIs, data pipelines, and AI-driven assessment systems.
- Defining technical strategy and overseeing product scalability.

Co-Founder and CTO

Organization: ClauseAI

Duration: 2025 to Present

- Leading technical architecture and AI systems for automated legal document analysis.
- Building scalable pipelines for clause extraction, risk detection, and AI-driven insights.
- Overseeing backend, AI integration, security, and infrastructure decisions.

Founder and Full Stack Developer

Organization: Cipher Tools Hub

Duration: Jul 2025 to Present

- Built and scaled a SaaS cybersecurity platform delivering multiple independent security and productivity tools.

- Owned complete product lifecycle from architecture to deployment and security.
- Designed modular systems supporting multiple independent AI and security products.

Backend Developer

Organization: EverSincere Clothing

Duration: Dec 2025 to Present

- Developing backend services to support e-commerce workflows.
- Improving system reliability, performance, and deployment pipelines.

Open Source Projects

Waymap Web Vulnerability Scanner

Duration: Aug 2024 to Present

- Creator and maintainer of a high-performance open-source web vulnerability scanner.
- Built modular scanning architecture with deep security analysis capabilities.
- Live at: <https://waymapscanner.github.io>

Major Projects / Achievements

1). CompetenceAI B2C (Maple Exam Prediction Engine)

- Built an AI-powered competitive exam preparation platform for JEE Mains and NEET aspirants.
- Developed Maple, a proprietary AI engine combining cognitive science, mathematics and generative AI for pattern recognition, psychometrics and adaptive testing.
- Live at: <https://www.competence-ai.com>

2). CompetenceAI B2B (Institute Partnership Platform)

- Built a B2B platform enabling coaching institutes to digitalize operations at zero upfront cost.
- Live at: <https://business.competence-ai.com>

3). Maple AI (Standalone Exam Prediction Engine)

- Standalone AI exam prediction platform for Indian competitive exams (JEE Mains and NEET).
- Features two proprietary engines: PSOI (weighted sigmoid scoring across five components) and EEG (concept co-occurrence knowledge graph with temporal decay).
- Live at: <https://maple-ai-edu.vercel.app>

4). CompetenceCode (AI-Powered Coding Platform)

- Built a coding practice platform with 700+ curated problems across multiple difficulty levels.
- Features a global leaderboard for competitive ranking, AI-driven hints to assist problem solving, and structured logic-building modules, Algorithm Visualizer, Clan Based Gamification.
- Live at: <https://code.competence-ai.com/>

5). ClauseAI (Multi-Agent Legal Document Analysis Platform)

- Built a multi-agent legal analysis platform on a sequential DAG pipeline with five agents
- Automates clause extraction, risk detection, and generates AI-driven legal insights.
- Live at: <https://clause-ai-seven.vercel.app>

6). Agent Shield (Autonomous AI Penetration Testing Framework)

- Designed and built a highly modular autonomous penetration testing framework built around a hierarchical multi-agent swarm architecture.
- Follows a rigorous phase-gated execution cycle: Reconnaissance, Web Exploitation, Infrastructure Exploitation, and Reporting.

7). **Cipher Tools Hub (SaaS Cybersecurity Platform)**

- Founded and built a live SaaS platform delivering cybersecurity and productivity tools.
- Owned complete product lifecycle from architecture to deployment and security.
- Live at: <https://www.ciphertoolshub.com>

8). **EverSincere Clothing (E-Commerce Backend)**

- Developed backend services supporting full e-commerce workflows for a clothing brand.
- Improved system reliability, performance optimization, and CI/CD deployment pipelines.
- Live at: <https://www.eversincere.in>

9). **Waymap (Open-Source Web Vulnerability Scanner)**

- Created and maintained a high-performance open-source web vulnerability scanner with modular scanning architecture and deep security analysis capabilities.
- Live at: <https://waymapscanner.github.io>

Skills

1). **Programming Languages:** Python, JavaScript, TypeScript, C, C++, SQL, Bash

2). **Frontend:** React.js, Next.js, React Native, Tailwind CSS, HTML, CSS

3). **Backend:** Node.js, Express.js, REST APIs, FastAPI

4). **Databases:** MongoDB, PostgreSQL, Supabase, Redis

5). **AI and ML:** LLM Integration, Multi-Agent Systems, Generative AI, NumPy, Pandas

6). **Cybersecurity:** Web Penetration Testing, Vulnerability Assessment, OWASP Top 10, Recon, Exploit Development

7). **DevOps and Tools:** Git, GitHub, Vercel, Render, Netlify, Google Cloud, Docker, NPM

8). **Design:** Figma, Canva, Kimi Slides

9). **Data Formats:** Markdown, JSON, XML

10). **Writing and Content:** Technical Article Writing, Book Writing, Documentation

11). **Other:** Chess

Languages

Hindi

English

Signature: Vicky