

EON AI VENTURES

Career Compass + OH WOW AI

Combined Product Specification
Assess → Learn → Certify → Get Hired

*AI career assessment meets 9,000+ immersive XR courses.
The bridge between "what should I learn" and "here's the course."*

9,000+ XR Courses | 17 Industry Segments | 3 Revenue Channels (B2C, B2B Academic, B2B Corporate)
Stackable Credentials: Courses → Certificates → Diplomas → Employment

February 2026 | Confidential



Two Products → One Platform

CAREER COMPASS (Oh-Wow-Jobs)

Strengths

- CV upload & AI skill extraction (GPT-4)
- Soft skills assessments (4 types)
- Interest & values discovery
- Gap analysis vs target roles
- Job matching via Adzuna API
- EON-XR lesson generation on demand

Gap: Recommends external courses, not EON's own 9,000

GLOBAL VIRTUAL CAMPUS (Oh-Wow-Skills)

Strengths

- 9,000+ courses with XR immersive content
- Clear credentialing: Courses → Certs → Diplomas
- Brainy AI tutor in every segment
- 17 industry segments covered
- Job-to-course mapping partially defined
- "Day in the Life" career previews

Gap: No career assessment — users must already know what to study

THE COMBINED PLATFORM

Career Compass provides the "what should I learn" intelligence. GVC provides the 9,000+ courses to learn it. The Course Matching Engine bridges them. One click from gap analysis → enrolled in the right XR course. Three revenue channels: B2C consumers, B2B academic, B2B corporate.

Three Audiences

B2C Consumer: Job seekers, grads, career switchers — premium assessments & paths

B2B Academic: Universities license to improve employment outcomes & accreditation

B2B Corporate: Companies for internal reskilling, role transitions, compliance training

Combined Architecture: Six Subsystems

Career Compass assessment + GVC content delivery, bridged by new Course Matching Engine.

Assessment Engine

Career Compass

CV parsing, skills extraction, soft skills assessments (4 types), interest/values discovery

Career Intelligence

New

Gap analysis, labor market trends, job-to-skill mapping, salary data, demand heatmaps

Course Matching Engine

New (Bridge)

Skills-to-course index, GVC-first recommendation, external fallback, on-demand generation

Content Delivery

GVC

9,000+ XR courses, Brainy AI tutor, certificates, diplomas, 17 segments, immersive training

Job Placement

Career Compass+

Live job listings (Adzuna), application tracking, employment outcome reporting

Enterprise Dashboard

New

B2B management: cohort onboarding, progress tracking, ROI analytics, white-label

17 Industry Segments + Stackable Credentials

9,000+ courses organized into a clear hierarchy: Courses → Certificates → Diplomas → Employment.

Aerospace & Defense	Mining	Wind Energy
Healthcare	Data Centers	Oil & Gas
Life Sciences	Energy Pathways	Automotive
Construction	Smart Manufacturing	Logistics & Supply Chain
Maritime	Electric Vehicles	Hospitality & Tourism
First Responders	Solar Energy	

Credential Stacking Hierarchy

Courses Individual XR learning units <i>PDU Configuration & Testing</i>	Certificates 5–7 courses completed <i>Certificate in Smart Hands Procedures</i>	Diplomas 3 certificates completed <i>Diploma in Data Center Operations</i>	Employment Verifiable readiness + job matching <i>Data Center Technician (Entry Level)</i>
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Course Matching Engine

The bridge between assessment and content. GVC-first. Skills-to-course index. One click from gap → enrolled.

COURSE-SKILLS INDEX

- `courseId` — GVC course identifier
- `skillName` — skill taught (normalized)
- `skillCategory` — `hard_skill` / `soft_skill` / `cert_prep`
- `proficiencyLevel` — beginner → expert
- `industrySegment` — which of 17 segments
- `prerequisiteSkills` — required before enrollment
- `credentialContribution` — which cert/diploma this feeds

INDEX POPULATION STRATEGY

- AI Bootstrap — GPT-4 analyzes titles, descriptions, content
- Template Matching — category-level skill templates
- Teacher Validation — review interface for confirmation
- Usage Feedback — refine based on outcomes

3-TIER RECOMMENDATION ALGORITHM

- P1: GVC Course Match — query index, prefer credential pathway
P2: External Fallback — Coursera/Udemy if no GVC match
P3: On-Demand Generation — premium custom XR course

User Journey: Assess → Learn → Certify → Get Hired



Enterprise Dashboard: B2B Academic + Corporate

Cohort management, progress tracking, ROI analytics, white-label. Two revenue channels.

ACADEMIC INSTITUTION FEATURES

- Cohort Management — groups by program, year, department
- Curriculum Alignment — map institutional courses to GVC
- Progress Dashboard — real-time per-student, per-cohort views
- Employment Outcomes — track placement rates, time-to-hire, salary
- White-Label — co-brand with institutional logos, colors, domains

CORPORATE RESKILLING FEATURES

- Workforce Analysis — bulk skill profiles, org-wide gap ID
- Reskilling Programs — transition declining → growth roles
- ROI Analytics — reskill vs layoff/rehire cost comparison
- Compliance Training — mandatory courses, org-wide tracking
- Manager Dashboard — team progress, nudge, report to HR

Enterprise Data Model

- organizations — B2B entity (academic/corporate)
- org_members — users linked with roles (admin/manager/learner)
- cohorts — learner groups with assigned pathways
- cohort_members — enrollment tracking
- org_analytics — aggregated metrics by period
- employment_outcomes — post-completion verification

Feedback Loop & Labor Market Intelligence

Employment outcomes improve recommendations. Market data guides learners and institutions.

FEEDBACK LOOP — 6 DATA POINTS

- Course Completion — time, scores, progression
- Credential Achievement — certificates and diplomas awarded
- Job Application Activity — click-throughs from Adzuna
- Employment Outcome — self-reported (got job, interviewing, searching)
- Salary Data — optional market intelligence
- Satisfaction Surveys — post-course and post-employment NPS

LABOR MARKET INTELLIGENCE

- Job Demand Trends — growth/decline by role and region
- Salary Intelligence — ranges by role, location, experience
- Skills Demand Heatmap — most sought-after skills, updated monthly
- Recommendation Accuracy — courses that lead to jobs ranked higher
- Course Quality Signals — low completion = flagged for review
- B2B ROI Proof — "87% employment within 6 months"

Success Metrics

Metric	6 Months	12 Months
GVC course recommendation rate	70% GVC-first	90% GVC-first
Assessment → enrollment conversion	40%	55%
Course completion rate	60%	75%
Certificate attainment rate	30%	50%
Employment outcome tracking	20% report	50% report
B2B organizations onboarded	5 academic + 3 corp	20 academic + 15 corp
Active monthly learners	5,000	25,000

Implementation Roadmap

Four phases: Foundation → Enterprise → Feedback → Advanced. Tech debt resolved first.

Phase 1

Foundation &
Course-Skills Index

- Resolve tech debt (decompose 398KB routes.ts, Redis sessions)
- Build `course_skill_index` for all 17 segments
- GVC course catalog sync API
- Modify recs: course-skills index first, external second
- Teacher validation interface
- Deliverable: Gap analysis → GVC course in one click

Phase 2

Enterprise Dashboard
& B2B Features

- `organizations`, `cohorts`, `org_members` data model
- Enterprise admin dashboard + bulk onboarding
- Progress tracking: per-student, per-cohort, per-org
- Role-based access: admin / manager / learner
- White-label (logos, colors, custom domains)
- Deliverable: Universities & companies onboard cohorts

Phase 3

Feedback Loop &
Labor Market

- Employment outcome tracking (self-reported + verified)
- Labor market intelligence: trends, salaries, heatmaps
- Course effectiveness analytics
- Contextual AI coaching (mental health integrated)
- Recommendation feedback loop
- Deliverable: Platform demonstrates measurable ROI

Phase 4

Advanced Features
& Scale

- Blockchain credential verification
- On-demand XR course generation (premium)
- Recruiter/employer portal
- Advanced enterprise ROI analytics
- Performance optimization + security hardening
- Deliverable: Full-featured with verifiable credentials

EON AI VENTURES

Assess. Learn. Certify. Get Hired.

Career Compass finds the gaps. OH WOW AI fills them.
9,000+ immersive XR courses across 17 industry segments.
Stackable credentials that employers actually trust.
One platform, three revenue channels, measurable outcomes.

9,000+ Courses | 17 Segments | B2C + B2B Academic + B2B Corporate | 24-Week Build

*From "what should I learn?" to hired — in one platform.
25,000 active learners within 12 months.*

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