



SeeKro

# PERSONALISED CAREER AND SKILL ADVISOR

DEVELOPMENT OF PERSONS  
CAREER





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# Welcome

*Unlock Your Future with AI-Powered Career Guidance.*

At **SeeKro**, we empower individuals navigating career uncertainty. Our platform is dedicated to providing personalized guidance to foster professional growth and build a clear path forward.





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# Challenges

## ***1. Skill Tracking***

- Users struggle to monitor learning progress.

## ***2. Lack of Personalization***

- Existing platforms give generic recommendations.
- No adaptation to individual skills, interests, or learning pace.

## ***3. Mentorship Gap***

- Limited access to mentors who understand your unique goals.
- One-time advice instead of continuous, evolving guidance.

## ***4. Outdated or Static Job Market Insights***

- Career portals often fail to reflect real-time market trends.
- Users miss opportunities for high-demand skills and emerging roles.

## ***5. Engagement & Motivation***

- Learning paths can feel boring or overwhelming.
- Leaving the progress halfway and gets distracted.

## ***6. Complex Career Decisions***

- Users struggle to evaluate alternate career paths and outcomes.
- Lack of information regarding the scope of future market needs.





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# Challenges

## **7. Complexity of AI Integration**

- Personalized recommendations require sophisticated AI/ML models.
- Ensuring accuracy and relevance is challenging.

## **8. Data Privacy & Security**

- Collecting career history, skill data, and resumes raises privacy concerns.
- Users need trust in data handling and consent mechanisms.

## **9. Accessibility & Inclusivity**

- Many platforms are not inclusive for different languages, abilities, or regions.
- Tier 2/3 cities may lack access to resources or mentors.

## **10. Scalability**

- Handling large user base with personalized AI insights without performance drop.
- Real-time updates for market trends, mentorship suggestions, and notifications.



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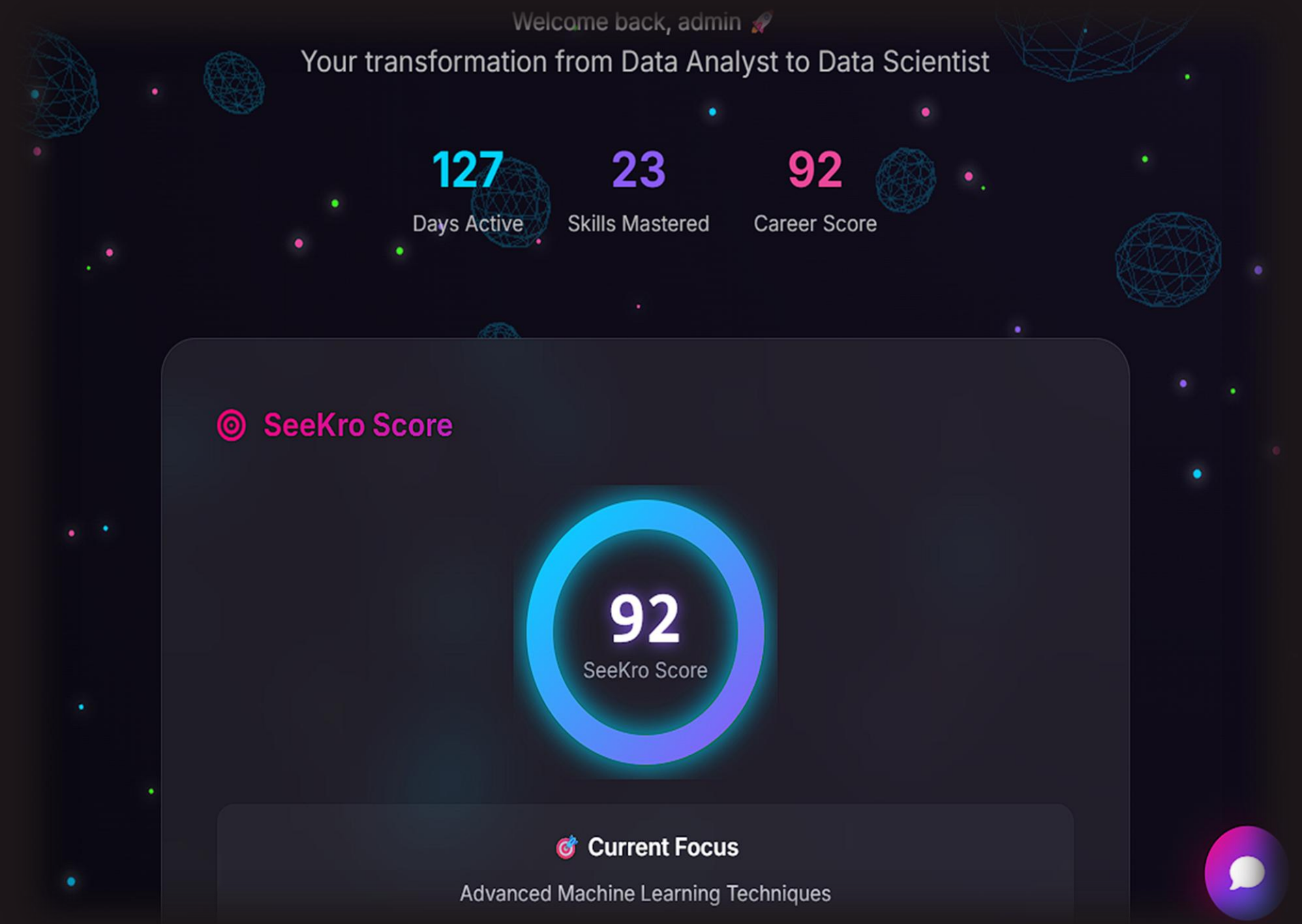


# Our Approach

## 1. Skill Tracking

**Approach:** Implemented a Skill Tracking Meter showing real-time course completion.

SeeKro score is like credit system. Every activity, course, expert talks have specific credits which overall adds value to user's profile.





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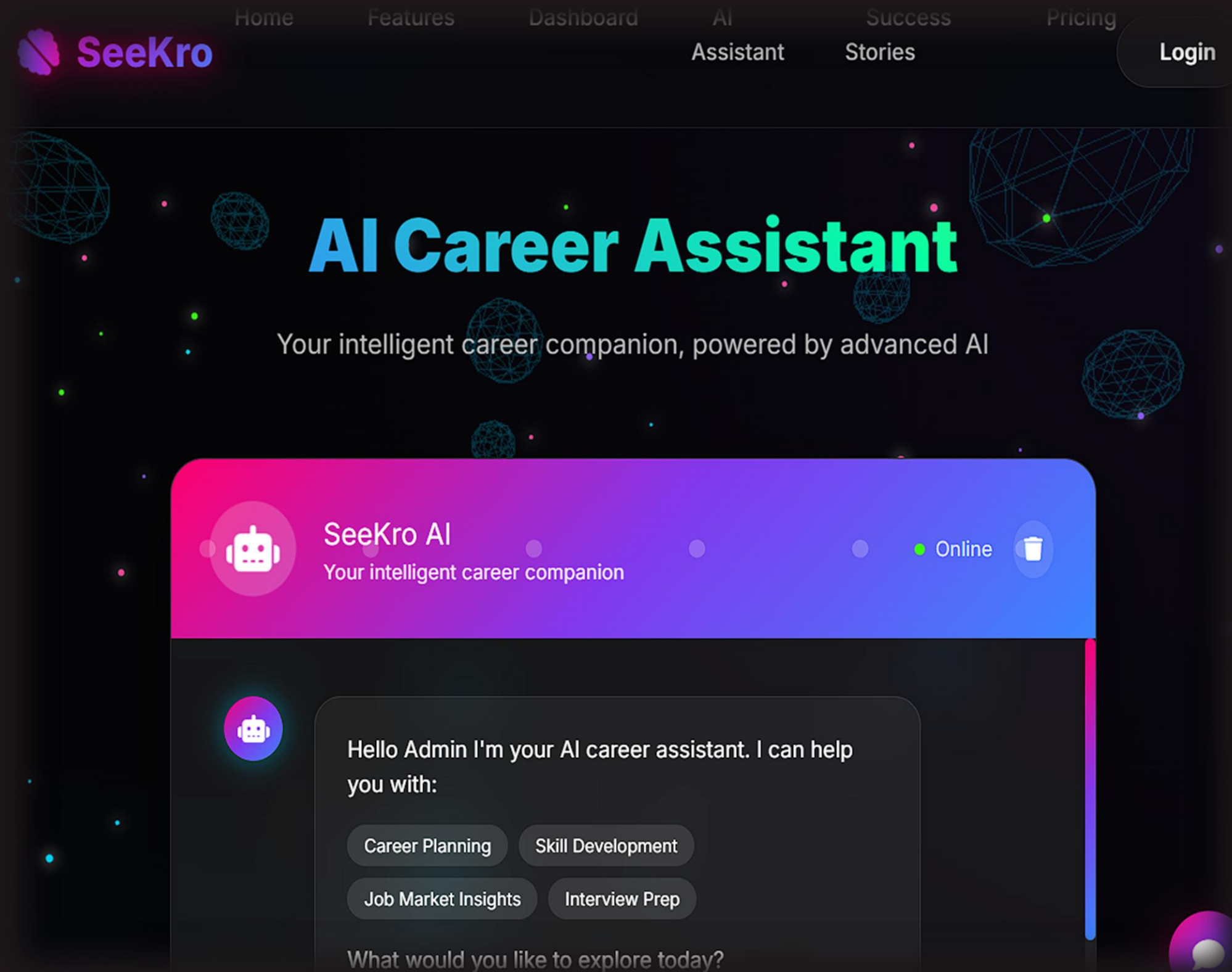


# Our Approach

## 2. *Lack of Personalization*

**Approach:** AI-driven personalized roadmaps tailored to skills, interests, and goals.

SeeKro AI is specially designed to guide the and even helps him make a roadmap for as dream career.





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# Our Approach

## 3. Mentorship Gap

**Approach:** Mentor Panel for suggestions with context-based tips.

At SeeKro, the user can talk to experts of career guiding.

### Your Mentor



Dr. T K Mehta

Senior Data Scientist at Google  
15+ years in ML & AI

● Online ★ 4.9/5

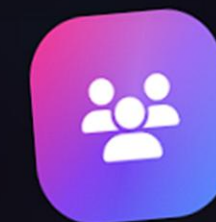
MESSAGE

CALL

### Next Session

Friday, 3:00 PM - Career Strategy Deep Dive

💡 Tip: Prepare your portfolio questions!



### Expert Mentorship Network

Connect with industry professionals and experienced mentors who can guide your career journey with personalized advice and insider knowledge.





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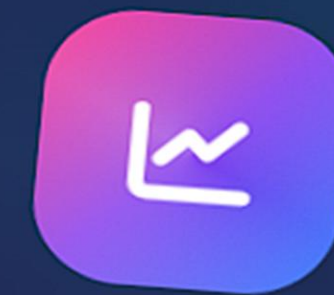


# Our Approach

## 4. Outdated Job Market Insights

**Approach:** Live job market updates + AI-enabled recommendations.

Keep regular update of new available jobs or skills helps the user to find ease to focus on self development.



### Real-Time Market Insights

Stay ahead of the curve with live job market data, salary trends, and emerging skill demands across industries, powered by comprehensive data analytics.



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# Our Approach

## 5. Engagement & Motivation

**Approach:** Gamification & Skill Challenges with badges, XP, and leaderboards.

Attractive badges, achievement titles and gamified learnings can make user more motivated to continue his journey.

### Achievements & Badges



Code Master



Fast Learner



7-Day Streak



Next Goal



#### Next Achievement

Complete SQL course to unlock  
"Database Guru" badge



72% complete



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# Our Approach

## 6. *Complex Career Decisions*

**Approach:** AI-Powered Career  
Twin & Real-Time Career  
Compass to simulate paths.

The user can talk to SeeKro AI or  
experts for any career related  
doubts.



SeeKro AI

Your intelligent career companion

Online



How can I learn SQL effectively for my data science career transition?



Excellent question! Based on your current progress (72% SQL completion), here's your personalized SQL mastery roadmap:

### **Phase 1: Core Foundations (You're here!)**

- ✓ Basic queries (SELECT, WHERE, ORDER BY)
- ✓ JOINS (INNER, LEFT, RIGHT, FULL)
- 🔄 Advanced filtering and sorting

### **Phase 2: Data Science Focus (Next 2 weeks)**

- Window functions for analytics
- Common Table Expressions (CTEs)
- Aggregate functions with GROUP BY
- Time-series data handling





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# Our Approach

## 7. Complexity of AI recommendations

**Approach:** Modular AI architecture for roadmap, mentor matching, and skill suggestions.

SeeKro AI can build a roadmap for complete job ready skill development.

### Career Roadmap



#### Resume Enhancement

Completed - Updated with latest ML projects

 +50 XP Earned



#### Advanced SQL Course


In Progress - 72% complete

 Est. 2 weeks remaining



#### Mock Interview Session

Scheduled for next Friday

 With Dr. Sarah Mitchell



#### Capstone Project

ML Pipeline for Predictive Analytics

 Unlock after SQL completion





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# Our Approach

## 8. *Data Privacy & Security*

**Approach:** Encrypted storage, consent-based data collection, and privacy-first design.

For starting phase, hosting website on google cloud or azure can enhance the security. After scaling, private servers makes it piece of cake.





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# Our Approach

## 9. *Accessibility & Inclusivity*

**Approach:** Language selector, dark/light mode, font & contrast adjustments etc. management options.

At SeeKro, the user can talk to experts of career guiding.

# Cutting-Edge Features

Experience the future of career development





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# Our Approach

## 10. Scalability

**Approach:** Optimized backend for efficient working and displaying success stories.

Showing success stories as new people can trust our strategies and guidance. Also making optimized backend is necessary.

*"SeeKro's AI completely transformed my career trajectory. In just 8 months, I went from a junior analyst to a senior data scientist at Microsoft. The personalized learning path and mentor matching were game-changers!"*

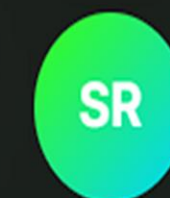


Mayank Kumar

Senior Data Scientist at Microsoft

📈 78% salary increase

*"From struggling freelancer to lead developer at Netflix - SeeKro's mentorship network and skill tracking made all the difference. The AI knew exactly what I needed to focus on."*



Saroj Raj

Lead Developer at Netflix

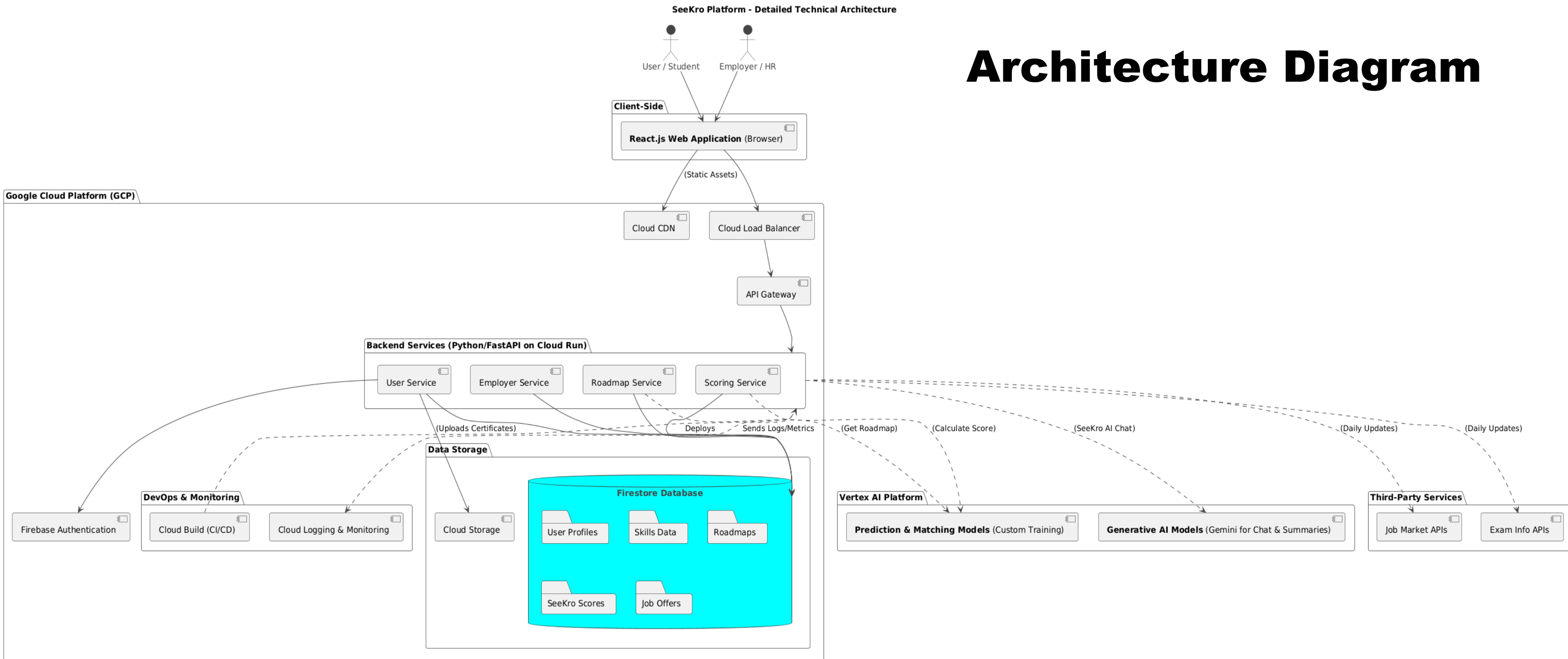
👑 Leadership promotion



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# Diagrams

## Architecture Diagram

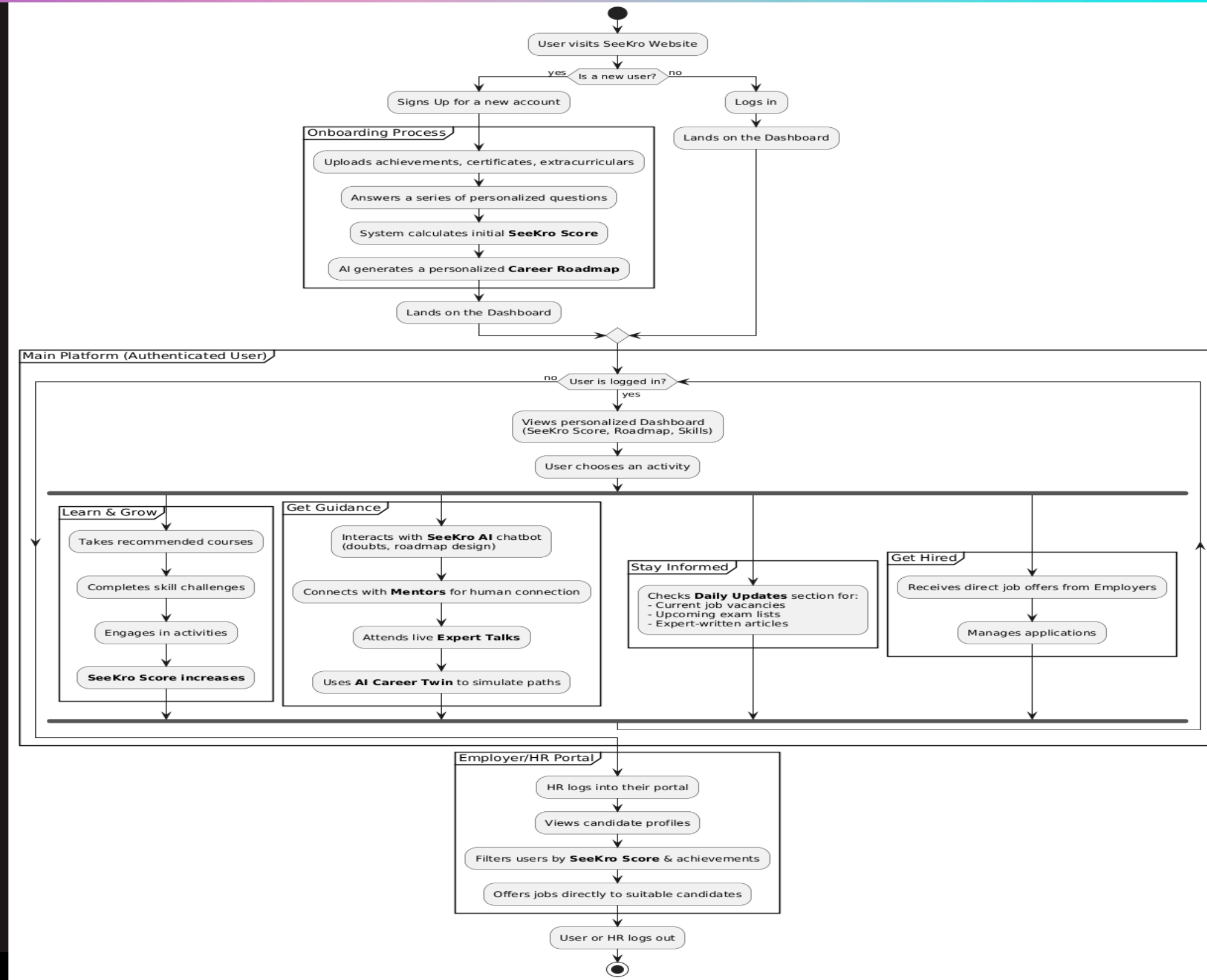






# Diagrams

## Process Diagram

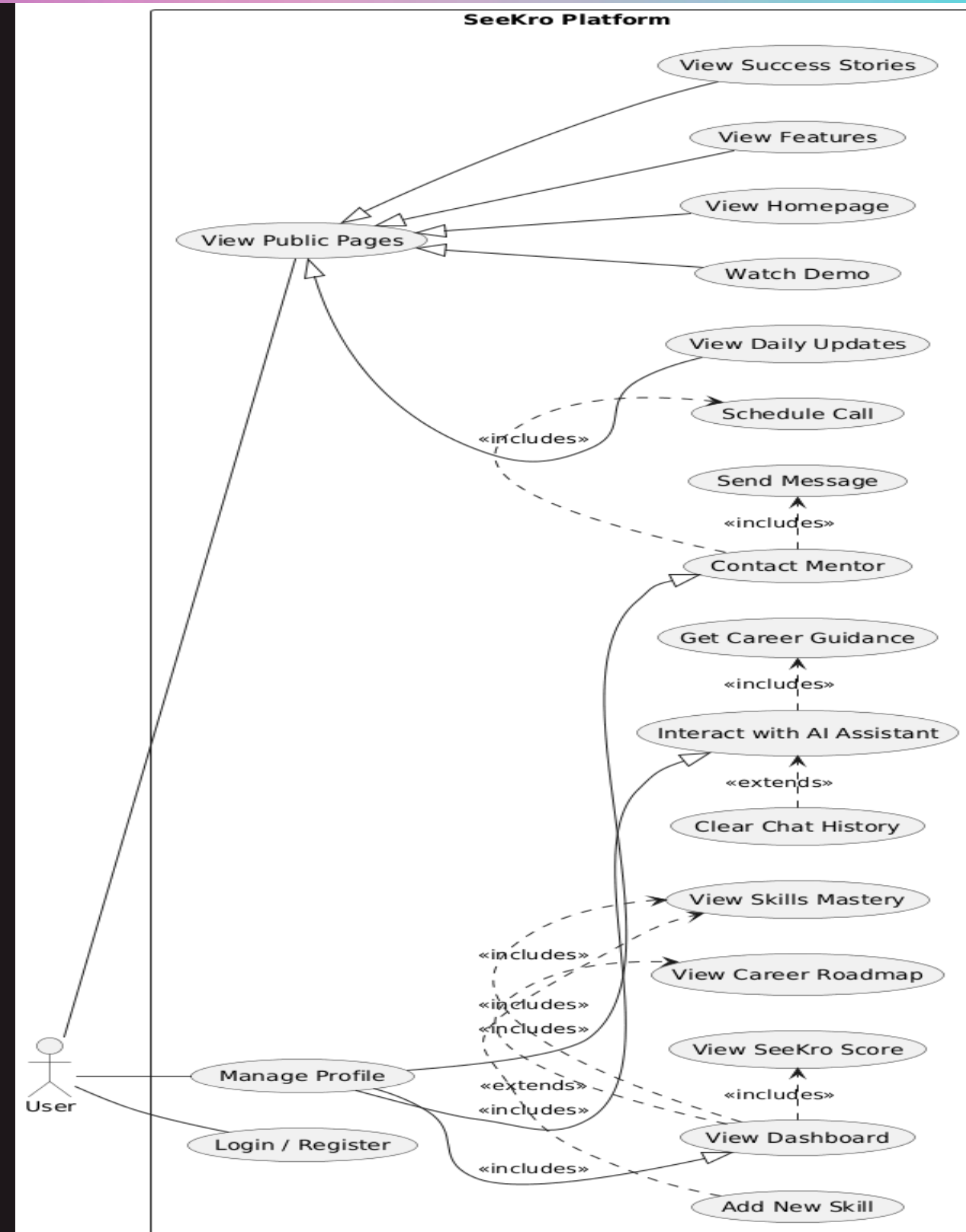




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# Diagrams

## Use-Case Diagram





# Technologies to be used

## 1. Frontend (Client-Side)

- React.js
- Tailwind CSS

## 2. Backend (Server-Side)

- Python
- FastAPI

## 3. Database & Storage

- Google Firestore
- Google Cloud Storage

## 4. Cloud Infrastructure

- Firebase Authentication
- API Gateway
- Cloud Logging & Monitoring

## 5. AI & Machine Learning

- Vertex AI - Gemini Models
- Vertex AI - Prediction & Custom Training

## 6. Third-Party Services

- Job Market APIs
- Exam Information APIs



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## Our Vision

- To make career growth simple and personalized, guiding every user toward their full potential.
- To enable smarter career decisions through real-time skill tracking and tailored guidance.
- To transform career journeys by providing actionable insights and personalized learning paths.

**Unlock Your Future with AI-  
Powered Career Guidance**

Personalized roadmaps, real-time job insights, and expert mentorship powered by cutting-edge artificial intelligence.





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# PROJECT TEAM



Chitrang Upadhaya

CS Student



Harsh Varia

CS Student



Heet Rupapara

CS Student



Harsh Ajmera

CS Student



Vedant Mandanka

CS Student

# Your Skills. Your Growth. Our Platform

— Smart Guidance for Every Career Step.



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THANK

YOU!

Github: <https://github.com/Admiral-exe/seekro-website>