Usman Ali

Final Year Software Engineering Student | Career Counseling & AI Developer

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# PROFESSIONAL SUMMARY

Dedicated and adaptable Software Engineering student with a strong foundation in full-stack development and a passion for building AI-driven career counseling solutions. Experienced in developing scalable web applications using Angular, React, Node.js, and MongoDB. Skilled in managing cross-functional projects, team collaboration, and translating complex problems into effective software solutions. Currently leading the development of Career Labs, a comprehensive platform offering career guidance, job recommendations, and skill assessments.

# HIGHLIGHTS

* • Final Year Project: AI-based Career Counseling Web App
* • Experience with Real-Time Notifications, Chat Systems, and Role-Based Dashboards
* • Frontend: Angular, React (Cursor AI), Bootstrap
* • Backend: Node.js, Express.js, Python (ML/AI), MongoDB
* • Career Recommendation via ML Models (scikit-learn, TensorFlow)
* • Firebase Cloud Messaging, Twilio, SendGrid Integration
* • Version Control with Git & GitHub
* • Cloud Hosting on AWS

# SKILLS

Frontend: Angular, React.js, HTML/CSS, JavaScript, Bootstrap

Backend: Node.js, Express.js, Python, REST APIs

Database: MongoDB, Firebase

AI/ML: scikit-learn, TensorFlow, NLP

Tools: VS Code, PyCharm, Git, GitHub, Postman

Cloud: AWS, Firebase

Soft Skills: Team Collaboration, Problem Solving, Project Management

# PROFESSIONAL EXPERIENCE

* Freelance Developer / Project Contributor

Remote — 2023–Present

- Developed and deployed multiple components for Career Labs, including role-based dashboards (User, Admin, Mentor).  
- Integrated AI models to deliver personalized career recommendations based on user data.  
- Designed interactive forms and assessment tools with progress indicators and backend data storage.  
- Collaborated with peers on UI/UX, backend logic, and deployment via AWS.

# PROJECTS

* Career Labs – AI Career Counseling Platform

- Developed a full-stack web app offering smart career guidance and job suggestions.  
- Designed dynamic multi-step forms for students and job seekers with real-time validation.  
- Implemented AI logic using Python and ML models to provide accurate recommendations.  
- Integrated dashboards with secure role-based navigation and features like file sharing, notifications, and chat.

* Library Management System (Client Project)

- Created an Angular-based platform allowing book uploads, downloads, and online borrowing.  
- Developed a publishing feature enabling user-author interaction.  
- Ensured smooth UI/UX and efficient backend integration.

# EDUCATION

* BS Software Engineering

Pir Mehr Ali Shah Arid Agriculture University, Sub Campus Gujrat

Expected Graduation: 2025

* DAE – Automation/Mechatronics

Govt. Swedish Pakistani College of Technology, Gujrat

2018 – 2021