

- [illegible]

Skills		New	Import	Change Owner	Printable View	Assign Labels
All Skills						
50+ Items • Sorted by Skill Name • Updated a few seconds ago		<input type="checkbox"/> All <input checked="" type="checkbox"/> Active <input type="checkbox"/> Archived <input type="checkbox"/> Deleted				
Skill Name ↑		Created Date				
1	<input type="checkbox"/> Active Listening	16/10/2025, 9:43 pm				
2	<input type="checkbox"/> Adaptability	16/10/2025, 9:43 pm				
3	<input type="checkbox"/> Additive Manufacturing (3D Printing)	16/10/2025, 9:43 pm				
4	<input type="checkbox"/> ANSYS	16/10/2025, 9:43 pm				
5	<input type="checkbox"/> Arduino	16/10/2025, 9:43 pm				
6	<input type="checkbox"/> Aspen HYSYS	16/10/2025, 9:43 pm				
7	<input type="checkbox"/> Aspen Plus	16/10/2025, 9:43 pm				
8	<input type="checkbox"/> Attention to Detail	16/10/2025, 9:43 pm				
9	<input type="checkbox"/> AutoCAD	16/10/2025, 9:43 pm				
10	<input type="checkbox"/> Autodesk Revit	16/10/2025, 9:43 pm				
11	<input type="checkbox"/> AWS	16/10/2025, 9:43 pm				
12	<input type="checkbox"/> Building Information Modeling (BIM)	16/10/2025, 9:43 pm				
13	<input type="checkbox"/> C#	16/10/2025, 9:43 pm				
14	<input type="checkbox"/> C++	16/10/2025, 9:43 pm				
15	<input type="checkbox"/> CATIA	16/10/2025, 9:43 pm				
16	<input type="checkbox"/> CHEMCAD	16/10/2025, 9:43 pm				
17	<input type="checkbox"/> Collaboration	16/10/2025, 9:43 pm				
18	<input type="checkbox"/> Computational Fluid Dynamics (CFD)	16/10/2025, 9:43 pm				
19	<input type="checkbox"/> Conflict Resolution	16/10/2025, 9:43 pm				

Change Sets vs. VS Code & SFDX

Two deployment methodologies were evaluated for moving the application's metadata.

Change Sets (Considered):

Concept: The standard, UI-based tool for moving metadata between connected orgs (typically a Sandbox and its Production org).

Analysis: We determined that Change Sets were not a viable option for this project. **Outbound Change Sets can only be sent from a Sandbox.** Since our development environment was a Developer Edition org, it could not create or send Outbound Change Sets.

VS Code & SFDX (Implemented):

This was the chosen professional-grade deployment method.

Visual Studio Code (VS Code): Used as the local Integrated Development Environment (IDE).

Salesforce Extension Pack: Installed in VS Code to provide SFDX commands and the Org Browser.

Salesforce CLI: The underlying engine used to communicate with the Salesforce orgs.

The SFDX Deployment Process (Our Final, Successful Strategy)

After significant troubleshooting, a robust, multi-stage deployment strategy using SFDX was executed.

Project Setup: A new, clean SFDX project was created locally.

Authentication: The Source (Dev) Org and the new Target (Dev) Org were both authorized using the SFDX: Authorize an Org command, creating local aliases (WeForYouCareSource, WeForYou CareTarget).

Manifest Creation (package.xml): A comprehensive package.xml manifest file was created. This file acted as the "shopping list," explicitly listing every component type and member (Apex Classes, Custom Objects, Flows, LWC, etc.) that made up the StudentCare application. This was a critical step to ensure a complete deployment package.

Metadata Retrieval: The SFDX: Retrieve Source in Manifest from Org command was run against the Source Org. This downloaded a complete, local copy of the application's metadata into the force-app directory.

Staged Deployment: Due to complex dependencies (specifically the CustomApplication referencing Profiles and other metadata), a single deployment was prone to "invalid cross reference id" errors. A two-stage deployment was implemented:

Stage 1 (package-stage1-core.xml): Deployed all foundational components (Objects, Apex, Flows, LWC) *except* for the CustomApplication, Profiles, and other security/UI-binding metadata.

Stage 2 (package-stage2-ui-and-security.xml): After Stage 1 succeeded, this package deployed the "finishing touches," including the CustomApplication and the page layouts.

Post-Deployment Configuration: After a successful metadata deployment, it was noted that **Profiles and Permission Sets were not deployed**. Critical post-deployment steps were performed manually in the Target Org:

Created a Permission Set(WeForYouAdmin Access) to grant the System Administrator access to all new custom objects, fields, and Apex classes.

Manually assigned the WeForYou application to the System Administrator profile.

Manually rectified Profile assignments for Record Types and Tab Visibility that were missed during deployment. This was the final step that made the application fully usable for end-users.

ANT Migration Tool: This is an older, command-line tool for deploying metadata. The **Salesforce CLI (used by SFDX)** is the **modern successor to the ANT Migration Tool** and is the recommended tool for all new development and deployment projects. We used the modern tool.

TARGET ORG CHECK:

1,LWC

Student 360° View

areana grande

Low

Overall CGPA
8.9

Current Backlogs
1

Engagement Points
25

Recent Activities

Recent Support Interactions

16 Oct 2025: Current Subject Tutoring

Recent Well-being Check-ins

17 Oct 2025: Overall Mood was **Very Poor**

17 Oct 2025: Overall Mood was **Poor**

16 Oct 2025: Overall Mood was **Poor**

2.Engagement points

Student 360° View

areana grande

Low

Overall CGPA
8.9

Current Backlogs
1

Engagement Points
25

3.TASK Created for the mentor

Task

Proactive Outreach: Student has new backlogs

✓ Mark Complete

Edit Comments

Change Date

Create Follow-Up Task

▼

Name

areana grande

Related To

Details

Related

Assigned To

Sreenidhi Muthyala

Status

Not Started

Subject

Proactive Outreach: Student has new backlogs

Name

areana grande

Due Date

16/10/2025

Related To

Priority

Normal

Created By

Sreenidhi Muthyala, 16/10/2025, 8:04 pm

Last Modified By

Sreenidhi Muthyala, 16/10/2025, 8:04 pm

Comments

na/r/00TdM000007NvfNUAS/view

4.TASK Create to counselor

Task

URGENT: Proactive outreach for student areana grande who reported a poor well-being status.

✓ Mark Complete

Edit Comments

Change Date

Create Follow-Up Task

▼

Name

areana grande

Related To

Details

Related

Assigned To

Sreenidhi Muthyala

Status

Not Started

Subject

URGENT: Proactive outreach for student areana grande who reported a poor well-being status.

Name

areana grande

Due Date

17/10/2025

Related To

Priority

High

Created By

Sreenidhi Muthyala, 17/10/2025, 7:44 pm

Last Modified By

Sreenidhi Muthyala, 17/10/2025, 7:44 pm

Comments

n/r/00TdM000007POulUAW/view

5.AI Career Suggestor

AI Career Suggester

AI Analysis Results

Cloud Engineer / AWS Solutions Architect

- **Infrastructure as Code (Terraform/CloudFormation):** These tools allow you to define and provision cloud infrastructure through code, ensuring automated, repeatable, and consistent environments.
- **Containerization (Docker & Kubernetes):** Modern applications are built using containers for portability, and you need these tools to package applications and manage them at scale on AWS.
- **Scripting (Python with Boto3):** This is essential for automating operational tasks, managing AWS resources programmatically, and building custom cloud management tools.
- **CI/CD Pipelines (Jenkins/AWS CodePipeline):** Understanding how to build automated pipelines for integration and deployment is crucial for releasing software efficiently and reliably in the cloud.
- **Networking Fundamentals (VPC, Subnets, Security Groups):** A strong grasp of core networking concepts is mandatory for designing secure, scalable, and isolated application environments on AWS.

DevOps Engineer

- **Version Control (Git):** Git is the foundation for all DevOps practices, enabling code collaboration, tracking changes, and managing the entire software development lifecycle.
- **CI/CD Tools (Jenkins/GitLab CI):** As a DevOps engineer, you will live in these tools to create automated pipelines that build, test, and deploy applications to AWS infrastructure.
- **Container Orchestration (Kubernetes/Amazon EKS):** This skill is vital for managing, scaling, and ensuring the reliability of containerized applications deployed in a cloud environment.
- **Configuration Management (Ansible):** Ansible is used to automate the provisioning and configuration of servers and software, ensuring consistency across all environments from development to production.
- **Monitoring & Logging (Prometheus/CloudWatch):** You need these tools to observe system performance, collect logs, and set up alerts to proactively identify and resolve issues in your AWS infrastructure.

Cloud Security Engineer

- **Identity and Access Management (AWS IAM):** Deeply understanding AWS IAM is the most critical security skill for controlling access to resources and enforcing the principle of least privilege.
- **Network Security (Security Groups, WAF, NACLs):** These AWS services are your primary tools for creating firewalls, filtering traffic, and protecting your cloud applications from common web-based attacks.
- **Security Automation (Python/Bash):** This is essential for scripting automated security checks, compliance validation, and incident response tasks to manage security at scale.
- **Threat Detection & Monitoring (AWS GuardDuty/CloudTrail):** You must be proficient with these services to monitor for malicious activity, audit API calls, and detect potential security threats within your AWS account.
- **Encryption & Data Protection (AWS KMS):** Protecting data at rest and in transit is fundamental, and knowing how to use Key Management Service (KMS) to manage encryption keys is a core competency.

Next Steps:

Review these suggestions with the student. You can copy this text and add it to a new "Placement Success Plan" or create Success Plan Tasks for the recommended skills.

Previous

Fresh