

Empowering Institutions and Students with Verified Credentials



With the increasing number of individuals pursuing education globally, credentials need to be verified and available any time and from anywhere.



EduVault is the future of education certification with it's secure and trusted vault.





# Education Credential Challenges



**Trusted Platform** 



Lack of Standardized System



Security & Data Privacy Risks



Complexity & Cost of Implementation



Ensuring Interoperability



Adoption and Buy-In Challenges





# EduVault -A Secure Platform for Education Credential Verification

Our centralized repository simplifies the validation of educational credentials and certifications by storing and verifying them in one secure location.

With advanced security protocols, EduVault ensures the authenticity and protection of sensitive educational documents, while providing a user-friendly and easily accessible platform from anywhere.





### Who is EduVault for?



#### The Issuer

Educational Institutions
Professional Associations and Industry
Organizations



#### The Individual

Students and Job Seekers



#### The Verifiers

Employers – Companies and Organizations

Government Agencies





# What EduVault Offers

Centralized Repository Trusted and Secure Verification

Microsoft Entra Verified ID Userfriendly Interface

Accessibility

Automated Verification

Reporting and Analytics

Integration with existing systems





## What Technology is used?

- EduVault is built on Microsoft Entra identity solutions. Entra uses a standards-based
  Decentralized Identity approach to enhance user, app, device, and service provider
  trust and security.
- EduVault employs Microsoft Entra Verified ID as its login and certificate generation solution for user access.
- The Microsoft Entra Verified ID service leverages blockchain technology to ensure safety in EduVault.
- Credentials generated by EduVault are stored in the secure Microsoft Authenticator app, which serves as a DID user agent/wallet.
- Through DIDs, users cryptographically sign their data as proof of ownership, ensuring their data and privacy are secure.
- The Microsoft Entra Verified ID system integrates several technologies and standards to deliver essential identity attributes like self-ownership and censorship resistance.





### How it works



#### **ISSUER**

Attests to claims and grants a digitally signed credential to user. An issuer could be an identity verification provider a government agency, a previous employer, a university or any other organization that can provide proof of Becca's Credentials.

Write

Verifiable data registery

#### **VERIFIER**

Requests proof and, upon receipt, verifies that claims in credentials satisfy requirements. A verifier could be a prospective employer, and airline, a mortgage company or any organization that is requesting proof of Becca's credentials.

Read

Trust





# The University Vault Process

- University creates a digital credential that represents the achievement or qualification that the student has earned.
- The credential should be issued in a digital format that can be easily stored and shared.
- Credential information is collected from University Student Information System via secure API's.

University creates the credential

#### **Verify Credential**

- University verifies the credential to ensure that it is authentic and accurate.
- This can be done by checking the student's records and confirming that they have met the requirements for the qualification.

- Once the credential has been created and verified, the University can upload it to the Digital Certificate Vault provided by EduVault.
- This is done securely, using encryption and other security measures to protect the credential from unauthorized access.

Upload the credential to the vault





### The Student, University And Employer Use Case

- Student receives a copy of their digital transcript issued by the institution.
- The student can present their transcript to anybody.
- 3rd Party (for example) employer can verify authenticity without having to check with a vendor or institution.

Each verifiable credential is a signed container of identity data from an authoritative source (Issuer) that an individual or entity (User) can choose to share with another entity (Verifier)



University issues a credential





# Student Requests Verifiable Credential From Institution

The Individual











Summary Why EduVault Your Reputation Secured

Credentials fully automated and compliant

Get students and alumni hired Enhanced Security

Cost Savings

Access to Expert Support

Boost Student Engagement

Improved Efficiency







# Thank you





https://www.linkedin.com/company/eduvault-io/