

Bhavya Saini

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PROJECTS

Research on production of hydrogen using renewable sources

Hackfest 2024 | SAP labs • github.com/BhavyaWritesCode/SAP-labs-hackathon-presentation • May 2024 - June 2024

- Utilized waste metal scrap for eco-friendly high-temperature water splitting to produce green hydrogen.
 - Achieved 94% conversion efficiency, generating 5 lakh liters of hydrogen per tonne of metal scrap.
 - Employed meticulous cleaning, high-temperature heating, and steam exposure, ensuring hydrogen quality via gas chromatography.
 - Demonstrated scalability with India generating 27-30 million tonnes of scrap metal annually for large-scale hydrogen production.
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EDUCATION

B.E in Computer science engineering

New horizon college of engineering • Bangalore, India • 2027

High School

Mount litera zee school • Amritsar, India • 2022 • 8.1 GPA

CERTIFICATIONS

Crash course in python

Coursera • 2023

C, C++ language Intermediate level

Emulation software technologies • 2023

Strategic Thinking

Linkedin Learning • 2023

SKILLS

Technical Skills : C, C++, Python

Language : English, Hindi