

Hildebrando Vargas Bedoya

Software Engineer

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EDUCATION

- **Ingeniero de software (backend specialist)** 2023
Universidad Politécnica Gran Colombiano
- **Lic Matemáticas y física** 2009
Universidad de Antioquia

PERSONAL PROJECTS

- **Web Based Facial Authentication(Liveness Detection)**
A website based facial authentication system, implemented using a Chrome Extension.
 - Facilitating users' logins to websites without having to remember their credentials
 - Used Live detection techniques to create high order security.
 - Technology Used: Python, Reactjs, Bootstrap.
- **Realtime Chat App**
A react based web application which allow users to chat in real time.
 - Used Firebase Authentication(SDK) to facilitate authentication & Cloud Firestore to store data.
 - Technology Used: Reactjs, Firebase, Bootstrap, HTML.
- **Covid-19 Tracker**
Daily and weekly updated statistics tracking the number of COVID-19 cases, recovered, and deaths.
 - Tracking world-wide cases using google maps and live API stats and datasets.
 - Technology Used : JavaScript , CSS, HTML, API.

EXPERIENCE

- **AWS Cloud Virtual Internship** May - July 2023
AICTE-Eduskills Online
 - In-depth understanding of AWS cloud computing services, including EC2, S3, RDS, Lambda, IAM, VPC, and more.
 - Proficient in designing, deploying, and managing fault-tolerant, highly available, and scalable AWS solutions.
 - Strong knowledge of architectural best practices, such as AWS Well-Architected Framework, security, performance, and cost optimization.
 - Hands-on experience in cloud infrastructure provisioning, monitoring, and automation using AWS Management Console and AWS CLI.
- **Palo Alto Cybersecurity Virtual Internship** Dec 2022 - Feb 2023
AICTE-Eduskills Online
 - Learned the fundamentals of Security Operations Center (SOC).
 - Learned basics of Network & Cloud Security.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS

Libraries : C++ STL, Python Libraries, ReactJs

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Areas of Interest: Web Design and Development, Cloud Security.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

- **On Desk Registrations Volunteer** Aarhant Cyber Week Event - RCOEM, Nagpur Oct - Dec 2022
 - Helped to attract close to 300 attendees to the event.
 - Collected over Rs. 20,000 in entry fees for different activities.