

# 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.