

DEIVID REINKE SCHUTZ

State of Mato Grosso do Sul, City of Campo Grande
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[EMAIL](#)¹ · [NPM](#)² · [GITHUB](#)³ · [LINKEDIN](#)⁴ · [CERTIFICATES](#)⁵

GOALS

Apply in practice the technologies, skills and knowledge I already have, solve problems as well as acquire new insights and domains.

EXPERIENCES

11/2020 – 04/2021

WEB DEVELOPER, AZON

Project elaboration, planning, execution and Web Hosting Management.
Technologies used: HTML, CSS, Javascript, Node Js, React, Wordpress, Cpanel, Firebase.

01/2022 – 06/2022

JUNIOR DEVELOPER, BRBYTE

Web development, Backend, Software Development, Saas, Android, Support Network (NAS, OLT).
Technologies used: HTML, CSS, Javascript, C, Postgres, React, React Native, Data Structure.

2024 - 2024

SANTANDER CODERS, CODING-TANK

Professionalization in the Santander Coders program with the Ada Tech team through the Back-End track. Technologies used: Git and versioning, Networks, Java, Object-Oriented Programming, Design Patterns.

PREMIAÇÕES

2018 – 2019

OBR, BRAZILIAN ROBOTICS OLYMPICS

OBR olympic medalist during the regional stage. Represented the Federal Institute of Mato Grosso in the course of the state competitions in 2018 and 2019, both in the theoretical⁶⁷ and practical modality⁸⁹. During his development expanded knowledge of programming and electrical.

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⁵ <https://app.box.com/folder/69111346174?s=lvofuyzdo5blfw8huflysy033hfs5ffi>

⁶ <https://app.box.com/file/928012582392>

⁷ <https://app.box.com/file/928014328864>

⁸ <https://app.box.com/file/928010245930>

⁹ <https://app.box.com/file/928013017038>

SKILLS

- Go
- Data Structure
- React
- Web Scraping
- Postgres/SQL
- Design Patterns
- Fast Learning
- Design Patterns
- Soft Skills
- Docker
- Linux OS
- Git
- Node
- C/C++
- Problem solve
- React Native
- Oracle Cloud
- JS/TS

EDUCATION

01/2018 – 12/2020

HIGH SCHOOL, FEDERAL INSTITUTE OF MATO GROSSO

High school integrated. He worked as a monitor in the field of Machine Elements.

06/2018 – 12/2020

ADVANCED ENGLISH COURSE, INFLUX LANGUAGE SCHOOL

Advanced english course concluded at the end of 2021.

01/2018 – 12/2020

TECHNICIAN COURSE, IFMT-PDL

Electromechanical course integrated in High School.

01/2020 – 02/2022

CONTROL AND AUTOMATION ENGINEERING (CAE), IFMT-PDL

He studied Control and Automation Engineering at Federal de Mato Grosso until the 2nd Semester.

03/2018 – 02/2022

ROBOTICS CLUB, IFMT-PDL

During his period of education in high school and graduation at CAE he participated assiduously in the field of robotics where he learned about many microcontrollers (ESP32, Arduino and ARM), represented the Institution in competitions such as the OBR (Brazilian Robotics olympics), participated in several lectures such as DEVFEST¹⁰ and Arduino Day¹¹ and lectured the Robotics Mini-Course Aimed at Youth and Adults.¹²

2022 - 01/2025

COMPUTER SCIENCE, UFMS

Graduating in the Computer Science course at FACOM in the city of Campo Grande.

¹⁰ <https://app.box.com/file/571942851773>

¹¹ <https://app.box.com/file/426336007814>

¹² <https://app.box.com/file/553145497711>

ACTIVITIES

• C/C++ VM code

Code and folders structure for a virtual machine Unix like system made in C. Logs, docs, bash scripts, bins, testers, static/dynamic libraries, makefiles, data structures and so on.

Skills: C (Programming Language) · Unix · Bash · Git · Gitlab · Cloud Applications · Cloud Computing · Testing · Internet Protocol Suite (TCP/IP) · webhook · Project Management · Standard Template Library (STL) · Data Structures · Oracle Database

• Firebase Admin Panel

Panel made in react using firebase offline first and real-time synchronization. [See more](#)

Skills: React.js · css · HTML5 · HTML · Front-End Development · Front-End Design · Front-end Coding · API · CRUD · Firebase · TypeScript · Cloud Firestore · Real-time Monitoring · Cloud Storage · Cloud Applications

• Qacademic

CRUD web scraping Server API developed in NodeJS from <https://academico.ifmt.edu.br/> to visualize grades and materials from students, also has a mobile application made in React Native to visualize the data.

Skills: MongoDB · Firebase · React Native · Expo · Mobile Devices · Mobile Software Development

• Pill dispenser

Automatic Remote Pill dispenser medication code. Server-side project made in React Native through a Real Time firebase server, aims to integrate with a hardware dispenser using esp32, arduino or ARM processors.

Skills: Node.js · Back-end Operations · Firebase · CRUD · Model-View-Controller (MVC) · ESP32 · React Native · TypeScript · Mobile Devices · Cloud Firestore · RESTful WebServices · Mobile Software Development

• Covid Data View

Unofficial App to see covid 19 Statistics.

Skills: React Native · Expo · Android Development · API Development · Git · Android Design · API · REST APIs

- **Comportc**

Electron App made with [c++ node addons](#). Read and Write on Serial communication ports and display it. Could be used to test arduino, esp, arm and general serial input output hardware.

Skills: C++ · C (Programming Language) · Computer Hardware · ESP8266 · ARM Architecture · Arduino · JavaScript · TypeScript · Electron.js · Node.js · HTML5 · css

- **NPM packages**

some NPM packages developed in C++ and adapted to be used with node through [Node Native Addons](#).

- **Esp Communication**

Allow remote communication between a esp8266 sensor and a mobile React Native app by a firebase server.

Skills: React Native · Expo · ESP8266 · Computer Hardware · Firebase · JavaScript · API · Back-end Operations

- **Discord Bots**

Iterative discord bots made in Nodejs. [Bot1](#), [Bot2](#).

Skills: Node.js · JavaScript · TypeScript · API.

- **Firebase Function - Node Template**

Node Template using typescript and mvc model in a firebase cloud.

Skills: Model-View-Controller (MVC) · Firebase · Node.js · Project Planning · Cloud Storage · TypeScript · JavaScript · NoSQL · API · REST APIs · Back-end Operations

- **Expo Firebase Oauth Template and React Native Firebase Oauth Template**

A template in React Native/Expo to authenticate users with Oauth and firebase configs.

Skills: Model-View-Controller (MVC) · Firebase · Node.js · Project Planning · Cloud Storage · TypeScript · JavaScript · NoSQL · API · REST APIs · Back-end Operations

- See more on [GitHub](#) or [Linkedin](#).