



# Pedro Knup Senior Software Engineer

I'm a Software Engineer with nearly a decade of hands-on experience in web development, specializing in JavaScript technologies like React, Node.js, and Vue.js. My passion for creating engaging, user-friendly applications drives me to stay on the cutting edge of front-end and back-end development.

Over the years, I've built a diverse skill set that spans everything from crafting seamless interfaces to managing databases and navigating DevOps. I love turning complex problems into simple, efficient solutions while keeping the user experience front and center.

I thrive in team environments where collaboration and creativity are valued. Whether mentoring others or working alongside teammates, I enjoy sharing knowledge, tackling challenges, and continuously learning to improve my craft.

I am currently looking for a challenging and exciting position where I can contribute with my technical, social and creative skills.



Scan for my online portfolio

## > Contact

phknup@gmail.com  
Based in Amersfoort, NLz

## > Skills

### FRONT-END

- React
- Vue
- LitJS
- Build Tools (webpack, rollup, Vite)
- Interactive Web Apps (GSAP, PixiJS, Three.js)

### BACK-END

- Node
- Python
- .net

### MOBILE

- React Native
- Flutter

### DATABASE

- Relational (PostgreSQL, MySQL, MSSQL)
- Non-relational (MongoDB, Firebase)

### CLOUD

- Azure DevOps
- Google Cloud Platform
- AWS

## > Soft Skills

- Team player
- Leader
- Social
- Screative
- Eye for design

## > Languages

- Portuguese (BR) **NATIVE**
- English **ADVANCED**
- Spanish **INTERMEDIARY**
- Italian **BEGINNER**
- Dutch **ELEMENTARY**

## Professional Experiences

### Senior Software Engineer

Sep/2023 – Now

Rabobank (via FrontValue)

Developing and maintaining a React and Node.js application using Spotify's Backstage framework. Responsible for full-stack development, DevOps tasks, and feature design. Ensure consistency across the software catalog, deliver high-quality code, and mentor junior colleagues.

### Senior Front-end Developer

Feb/2021 – Aug/2023

Media.Monks

Responsible for complex web applications for Google and General Motors such as Chromebook Retail App, Google Cloud Chess, Youtube Broadcast and Pixel 6 launch. Emphasized code quality through reviews and pair programming. Contributed to back-end development with Python when needed. Actively engaged in client discussions and mentored medior and junior developers.

**Skills:** Front-end Development · Back-end Development · python · VueJS · ReactJS · LitJS · AngularJS · NodeJS · GreenSock Animation Platform (GSAP) · Glue · Redux · Scrum · TypeScript · Kubernetes · Mentorship.

### Back-end Developer

Jul/2020 – Jan/2021

CowManager B.V.

Responsible for maintaining and improving core web services and databases for agricultural monitoring systems. Implemented new features, troubleshot issues, and collaborated with cross-functional teams using Scrum methodology.

**Skills:** Microsoft Azure · VueJS · Scrum · Microsoft SQL Server · Entity Framework · .NET Framework.

### Fullstack Developer

Oct/2019 – Jun/2020

Pycom Ltd.

Fullstack Developer at Pycom Ltd., an IoT technology company. Developed IoT dashboard and maintained Pymakr extension for VSCode and Atom. Led development of Pymakr 2 and Pymakr online, a web-based IDE for Pycom devices. Focused on MicroPython-based solutions and cloud integrations.

**Skills:** ES6 · Webpack · Jest · Mocha (JS Framework) · Docker · GraphQL · Code editors plugin development (VSC and Atom) · ReactJS NodeJS · Scrum · MongoDB

## Front-end Developer Intern

Mar/2019 – Oct/2019

Webbio B.V.

Front-end Developer Intern at Webbio B.V., focusing on ReactJS web applications. Contributed to the development of Blackfriday Nederland, a high-traffic e-shop portal. Participated in Scrum meetings, ensured code quality, and provided mentorship to team members.

**Skills:** Redux · Swagger · Formik · ES6 · ReactJS · Scrum · TypeScript

## Fullstack Developer

Sep/2018 – Feb/2019

Clubpetro

Fullstack Developer at Clubpetro, leading the complete rebuild of the company's primary product. Responsible for technology selection, database design, app layout, and web service development. Provided mentorship to colleagues throughout the project.

**Skills:** VueJS · ReactJS · Scrum · Microsoft SQL Server · Entity Framework · .NET Framework · TypeScript

## Computer Engineering Intern

Jan/2018 – Aug/2018

Vale S.A

Developing web applications with .NET and VueJS. Created a smart Telegram bot for automated information delivery. Gained extensive experience with SQL Server, focusing on query optimization and database development.

**Skills:** Web Services · Node.js · HTML · Microsoft SQL Server · SQL

## Freelancer Developer

Jan/2014 – Jan/2018

Self Employed

Freelance fullstack developer working on diverse projects including web, mobile, and Windows apps. Developed notable projects like "Estádio Sonoro" (interactive karaoke app), "SIHP" (hotel management system), and "Cabe+1" (carpool app). Responsibilities included architecting, designing, and developing applications, client negotiations, and problem-solving for legacy systems.

**Skills:** .NET Framework · Delphi · jQuery · Google Firebase · Xamarin · VanillaJS · VueJS · NodeJS · MySQL · Entity Framework · MongoDB

## IT Intern

Oct/2019 – Jun/2020

CEFET-MG

Providing technical support to faculty and students. Responsible for maintaining and updating IT infrastructure. Developed a Redmine Server for internal use, enhancing project management and collaboration. Tasks included troubleshooting, resolving IT issues, and updating university IT infrastructure.

**Skills:** Network Administration · IT Hardware Support · Front-end Development · Scrum · Web Services

## Education

### Computer Engineering (ongoing)

Jan/2015 – Mar/2019

Universidade Federal de Itajubá (UNIFEI)

Pursuing Computer Engineering at UNIFEI, a top Brazilian engineering school. Actively involved in extracurricular activities including robotics team, programming marathon, and academic support teaching. Gained experience as a Programming Logic and Algorithms support teacher, and participated in volunteer IT consulting for local businesses.

### Computer Technician Integrated to Highschool

Jan/2011 – Dec/2013

CEFET-MG

Completed Computer Technician program integrated with High School at CEFET-MG. Curriculum covered programming logic, data structures, databases, electronics, and electrical systems.

