



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 Frontend 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, and Pixel 6 launch. Emphasized code quality through reviews and pair programming. Contributed to backend development with Python. Actively engaged in client discussions and mentored junior developers.

Skills: Front-end Development · Back-end Development · python · VueJS · ReactJS · LitJS · AngularJS · NodeJS · GreenSock Animation Platform (GSAP) · Glue · ReduxJS · Scrum · TypeScript · 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 (JavaScript Framework) · GraphQL · Code editors plugin development (VSC and Atom) · ReactJS · NodeJS · Scrum · MongoDB.

Frontend Developer Intern

Mar/2019 – Oct/2019

Webbio B.V.

Frontend 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

Developer freelancer

Jan/2014 – Jan/2018

Self Employed

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 (JavaScript Framework) · GraphQL · Code editors plugin development (VSC and Atom) · ReactJS NodeJS · Scrum · 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.

