

# Vijayakrishna Venkatesan

## Senior Software Engineer

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I am a Software Engineer with over 9 years of experience building applications and services using **Node JS, Typescript, React & MongoDB**. I am passionate about developer experience. I developed a VS Code extension for React developers which has **10K+ installs** and authored an article about **Drizzle ORM** that is received well by the community.

### Skills

Typescript	Rust	VS Code Extensions
ReactJS	MongoDB	Next JS
Node JS	SQL	Astro/MDX/Markdoc
HTML/CSS/Sass/Tailwind	Drizzle ORM/Prisma	Elastic/New Relic/Sentry

### Projects

- Developed a **VS Code extension** for React CSS Modules, enhancing developer productivity.
- Created a **TypeScript language service plugin** to streamline and clean up “Go to Definition” functionality for CSS modules.
- Authored a type definition **library** for **MongoDB aggregation pipelines and operators**, enhancing developer experience inside editor
- Built **TypeScript transformer plugin** to automatically generate display names for React components.
- Authored a **traversal library** for **MarkDoc AST**, simplifying document processing.
- Built a **Rust tool** for visualizing Prisma schemas in both CLI and web interfaces.
- Built **docs.cleardil.com** using **Astro**, **MDX**, **TailwindCSS**, providing a readable, maintainable and unified documentation.
- Built **Reactoid** a reaction widget app using **NextJS**, **TailwindCSS**, **React**, **drizzle ORM** & **Neon DB**, enabling integration of reactions such as likes, dislikes and comments.
- Built an **Analytics Application** using **NextJS**, **React**, **MongoDB Atlas**, to track page views, clicks recorded on my website and blog.
- Built a **Web app** using **React**, **caniuse css**, to check CSS compatibility against various browsers.

### Technical Writing

- **Developer Experience Guide for Drizzle ORM**, focusing on best practices and efficient workflows.

- **Language Service Plugins in VS Code**, enhancing developer tools and productivity in VS code.
- **Enabling Touch ID in macOS Terminal** for *sudo* operations.

## Work

### **Senior Full Stack Engineer**

*Nov 21 – Present*

Quantilope GmbH. Hamburg, Germany

- Core contributor to the Consumer Insights Platform, driving data analysis and collection initiatives.
- Led the modernization of a legacy Meteor JS stack by converting it to a scalable **TypeScript and React stack, integrated with GraphQL microservices powered by MongoDB Atlas** to enhance performance and maintainability.

### **Senior Frontend Engineer**

*Nov 18 – Oct 21*

About You GmbH. Hamburg, Germany

- Developed and maintained **React Native and web** applications for the retail clothing industry, with a focus on enhancing user experience and performance.
- Led the upgrade to version 6.0, ensuring smooth transitions.
- Managed application monitoring, scaling, and KPI analytics to optimize operational efficiency.

### **Frontend Engineer**

*Aug 16 – Sept 18*

Razorthink Inc. Bangalore, India

- Specialized in building platforms for AI-driven forecasts and solutions, empowering data scientists and Python engineers with a robust model builder and **Jupyter Notebook** integration.
- Utilized **React, Redux, and JVM microservices** to create seamless and efficient user interfaces and workflows.

### **Web Developer**

*Apr 15 – July 16*

Cartoon Mango Studios. Bangalore, India

- Began my career at a consultancy, developing and maintaining several web applications using **HTML, CSS, and JavaScript**.
- Focused on building responsive and user-friendly interfaces, contributing to various client projects across different industries.

## Languages

- **English – Fluent**
- **German – A1**