

Kishor Sanjay Patil

Software Engineer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Xing](#)



Summary:

Innovative **Software Engineer** with a **Master's in Applied Computer Science** from Germany and **4+ years of professional experience** in **full-stack development, cloud systems, and AI-driven applications**. Skilled in TypeScript, React, Node.js, and Python, with hands-on experience designing scalable architectures, real-time data processing, and CI/CD automation.

Primary Tech Stack: JavaScript, Vue.js, Node.js, Python, Docker, CI/CD, MongoDB.

Skills:

Frontend	: JavaScript, React, Vue.js, Angular, Tailwind CSS, Bootstrap, Chart.js
Backend	: Node.js, Express, Python, Java
Databases	: MongoDB, MySQL, Neo4J, Redis
DevOps & Cloud	: Docker, Kubernetes, CI/CD, AWS, GCP, Linux, Nginx
Tools	: Git, GitHub, GitLab, Jira, Confluence, Figma, Postman, Swagger
Practices	: Agile/Scrum, requirements analysis, interdisciplinary Collaboration

Experience:

Freelance Full Stack Developer (Remote) | Berlin, Germany November 2024 - Present

Tech stack: React, Vue.js, Node.js, MongoDB, Docker, Tailwind CSS

- Designed, developed, and deployed **full-stack web applications** and portfolio websites for international clients in India and the USA via Upwork and personal network, utilising **React, Vue.js, Node.js, and MongoDB**.
- Built responsive and interactive AI-integrated **front-end solutions** with Tailwind CSS, enhancing **user engagement** and improving **client conversion metrics**.
- Engineered back-end services and **RESTful APIs** for business dashboards, integrating third-party services and deploying via **Docker** on cloud platforms to automate workflows.
- Collaborated directly with clients to gather requirements, translate business needs into technical specifications, and deliver **end-to-end solutions**.

Frontend Developer | NEOX Networks GmbH, Germany February 2024 - October 2024

Tech stack: Python, Vue.js, Tailwind CSS, Docker, GitLab, Linux, Nginx

- Led the end-to-end design and development of the GUI for the Advanced Packet Processing Product - **PacketWolf** from scratch, using **Python, NiceGUI, Vue.js, and Tailwind CSS** to create an intuitive and responsive user-friendly interface.
- Engineered and maintained **CI/CD pipelines in GitLab**, enabling rapid iterations; conducted rigorous testing to identify and resolve 90% of reported issues before the first release, significantly improving product stability.
- Authored the product's **official user guide documentation**, which reduced customer **onboarding time by 30%** and contributed to a **65% increase in global sales**, as reported by the sales team.
- Assisted in production deployment and monitoring using **Docker, Linux, and Nginx**, and established an agile feedback loop with **200+ active users**, leading to continuous UI/UX improvements and faster bug resolution.

Tech stack: Azure, Python, PowerShell, Linux, Windows, Networking

- Led a critical **Azure cloud migration** project, implementing strategic data transfer protocols that **reduced client onboarding downtime by 40%**.
 - Automated routine administrative and reporting tasks using **Python and PowerShell scripts**, saving an estimated **10+ hours of manual work per week for the team**.
 - Administered and maintained a **hybrid server environment (Windows & Linux)** and enterprise network infrastructure, achieving and sustaining **99.6% system uptime**.
 - Served as **Project Lead** for key initiatives, orchestrating **project lifecycles from planning to deployment**, and acted as **Assistant Team Lead**, mentoring junior colleagues.
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Projects:

SimplifySign – Web Accessibility Platform (Master Thesis) | [Source Code](#)

Tech stack: React, Flask, Python, NLP (BERT/GPT), Google Web Speech API, MongoDB

- Built a platform to improve accessibility for hearing-impaired users via **real-time sign language translation** and **AI-driven text simplification**.
- Engineered speech-to-text → sign language video pipeline with **3–5s latency**; achieved **90% accuracy** and **85% positive UI feedback** from **25+ test users**.

PLMSync – Lecture Management System | [Source Code](#)

Tech stack: React.js, Node.js, REST APIs, MySQL, Docker

- Automated Excel-based lecture scheduling, resolving conflicts and streamlining planning.
- Enabled collaborative timetable management with enhanced UI/UX and import/export features.

Neko Nine Lives – Game Application | [Source Code](#)

Tech stack: MERN Stack (MongoDB, Express, React, Node.js), Docker

- Built an interactive multiplayer game with authentication and real-time score tracking.
- Deployed on cloud environment ensuring responsive UI and scalable backend.

EasyTrack – Expense Tracker | [Source Code](#)

Tech stack: React.js, JavaScript, JSON

- Developed a web-based expense tracker to record, update, and categorize daily expenses.
 - Designed responsive UI components in React for simple, intuitive expense management.
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Education:

Master's of Science (M.Sc.) in Applied Computer Science

SRH University, Heidelberg, Deutschland

October 2022 - September 2024

Bachelor's of Engineering (B.E.) in Computer Engineering

University of Mumbai, Mumbai, India

July 2015 - October 2020

Certification and Achievements:

- **Google AI Essentials** - Coursera
 - **IBM Full Stack Software Developer** - Coursera
 - **German Language Proficiency (B1 Level)** - Volkshochschule GmbH | DTZ [Certificate](#)
 - **Integration Course for Germany** - BAMF (Bundesamt) | Expected Dec 2025
 - **Published Research Paper** - IJARSCT | Title: "Student Datacard using Cloud" | [Certificate](#)
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Languages:

English : C2 (Native / Bilingual)

German : B1 (Intermediate) (Currently Learning B2)

Hindi : C2 (Native); **Marathi**: C2 (Native); **Kannada**: B2 (Professional)