

Sanyam Arya

Co-Founder and CTO

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in in/sanyam-arya

🌀 ersanyamarya

📍 Berlin

🛂 Valid Work Permit for the EU

🧠 Skills

Software Development

- Node JS | Typescript
- React | HTML | CSS
- Flutter
- MongoDB
- REST | GraphQL
- Python 3
- goLang

IoT/M2M

- Raspberry Pi | AVR | Arduino
- MQTT
- ADC
- USART

DevOps / CloudOps

- AWS
- Terraform
- GitHub Actions
- CI/CD
- Docker

Tools

- git
- vs code
- Figma
- Jira
- Confluence
- Notion
- Miro

🌐 Languages

English (Proficient)

Hindi (Proficient)

📁 Professional Experience

beeta.one

Co-Founder and CTO [🔗](#)

Sep 2023 – present | Berlin, Germany

- Provided strategic and technical direction to the entire team, defined the technology architecture, and implemented scalable software solutions to solve Industry 4.0 and IoT problems by building a no-code/low-code tool.

weeve GMBH

Head of Engineering

Dec 2021 – Jul 2023 | Berlin, Germany

- **Led Agile Development of the Platform:** Developed and optimized IoT applications using Node.js, TypeScript, GraphQL, MongoDB, MQTT, ReactJS, GitHub Actions, AWS, Python, GoLang, Storybook design system in React, ReactFlow, and MUI. Streamlined solution saved development time and enabled customisation capabilities.
- **Hiring and Retaining Engineering Talent:** Built and led high-performing engineering teams, employing strategic recruitment methods to speed up the process. Fostering a culture of growth and innovation, ensuring continued excellence.
- **Strategic Technical Leadership:** Collaborated with executives to craft a 2-year growth roadmap. Optimised system architecture and infrastructure, reducing technical debt and ensuring scalability.
- **Problem-Solving and Innovation:** Addressed complex SaaS challenges, enhancing data privacy and application expertise, pivotal to the platform's success, ensuring platform robustness and scalability.
- **Open-Source Initiative:** Developed an open-source roadmap, driving a substantial increase in external contributions and fostering a vibrant developer community.

Lead Software Engineer

Nov 2020 – Nov 2021 | Berlin, Germany

- **Technical Excellence:** Engineered efficient data architectures, real-time hardware interfaces, and software solutions using various technologies such as Node.js, TypeScript, GraphQL, MongoDB, MQTT, ReactJS, GitHub Actions, AWS, Storybook design systems in React, ReactFlow, and MUI. This helped enhance system efficiency and responsiveness.

trivago

Software Developer [🔗](#)

Feb 2020 – Nov 2020 | Düsseldorf, Germany

- Developed and deployed customer-centric features using NodeJS, TypeScript, GraphQL, and SQL, which significantly elevated customer satisfaction levels. Expertly monitored and maintained application health through Jenkins and AWS console, ensuring seamless functionality and enhancing the user interface.

Education

Post Graduation Diploma in IoT

Advanced Computing Training School - C-DAC

Feb 2017 – Aug 2017

Pune, India

Bachelor of Technology - Electronics and Communication

ITM University [↗](#)

2011 – 2015 | Gwalior, India

A Four Technologies

Software Developer [↗](#)

Aug 2017 – Nov 2019 | Pune, India

- **IoT Product Development Expertise:** Developed embedded systems, web backend, and applications for IoT products, and ensured comprehensive IoT solutions.
- **Leadership and Technical Skills:** Led teams in both micro-services and full-stack development, demonstrating strong leadership and technical acumen. Acquired expertise in ChatBots development using Google's Dialog Flow.

Projects

MQTIZER [↗](#)

Free MQTT Client (Cross Platform)

Created and launched MQTIZER, an Industry 4.0 MQTT client utilizing Flutter and Dart for the cross-platform app and Node.js and MongoDB for the backend. Enabled real-time data monitoring and streamlined management, providing a powerful tool for global IoT professionals.

VisionarAI

AI for visionaries

Developed Visionar.ai, an AI-powered research tool with a user-friendly interface for digital product evaluation. Utilized Flutter for the front-end, Node.js with TypeScript for the back-end, and MongoDB, LangChain, and NX mono repo for a scalable and secure architecture. Ideal for entrepreneurs and VC firms seeking optimal performance and security.

Commit GPT [↗](#)

Commit GPT is a Visual Studio Code extension that generates commit messages using OpenAI's GPT (Generative Pre-trained Transformer) technology. It helps developers create descriptive and meaningful commit messages based on the staged changes in their Git repository.

NPM Packages

Open-source javascript packages

- **Notion Plus (ORM Library):** [↗](#) TypeScript ORM library simplifies Notion database interactions, offering an intuitive approach.
- **Time Pocket (JS Time Utilities)** [↗](#) : Streamlined JS time utilities for efficient development purposes.
- **Markdowner CLI (Command-Line Tool)** [↗](#) : Simplifies markdown-based documentation tasks, enhancing workflow efficiency.

Terraform modules

Open-source Terraform modules

- **EC2 Server Stack:** [↗](#) Automated EC2 instance setup for microservices with streamlined security groups, port assignments, and Route53 records for seamless operation.
- **Cloudfront Stack:** [↗](#) Configured S3 bucket with CloudFront distribution, ensuring privacy via AWS S3 public access block. Established secure access through S3 bucket policy, linked with Route53 records for optimal performance.

Internet Speed Test [↗](#)

Open-source Telegraf plugin

- A Telegraf plugin for Internet Speed Monitoring written in Go (Programming Language)