

Sanju Raj Prasad

+49 178 433 4718 • samblaze275@gmail.com • Germany

Summary

Versatile and results-driven Backend-Focused Full Stack Developer with 2+ years of professional experience in building scalable web applications, RESTful APIs, and real-time features using modern tech stacks (React, Node.js, Spring Boot) and eager to learn more while working. Currently pursuing M.Sc. in Data Science from Hochschule Fulda. Actively seeking full-time opportunities in frontend, backend, or full-stack roles. **Blue Card eligible** and immediately available for work in Germany.

Professional Experience

Full Stack Developer

Alois Solutions, India | May 2023 – Sept 2024

- Built and deployed scalable RESTful services using Express.js (TypeScript) and Spring Boot; refactored backend architecture to improve modularity and performance.
- Automated build and release processes using **Jenkins pipelines**, reducing deployment time significantly.
- Integrated **observability tools** including Sentry for error tracking and logs, improving issue resolution time.
- Collaborated with cross-functional teams on feature delivery and production support following agile methodology.
- Contributed to internal TypeScript libraries and improved frontend load times by 33%.

Full Stack Developer

Unlearners Tech, India | March 2023 – May 2023

- Optimized existing APIs resulting in 35% efficiency improvement and enhanced system performance
- Built company website using React.js and MongoDB with responsive design and modern UI/UX
- Implemented real-time communication features using Socket.io for streaming and live services
- Researched and developed audio communication features for enhanced user interaction

Web Developer Internship

Entropy Solutions, India | Jan 2022 – March 2022

- Developed and tested Ruby on Rails APIs with comprehensive unit and integration testing
- Built responsive frontends using React.js, achieving 25% faster page reloads with WCAG compliance
- Handled complex database migrations and rollbacks on PostgreSQL production systems

Web Developer Internship

Chief Software Solutions, India | Dec 2019 – May 2020

- Developed frontend interfaces using HTML, CSS, and jQuery with focus on user experience
- Implemented backend APIs using .NET and C#, handling data mutations with Prisma ORM
- Performed comprehensive testing and debugging, successfully resolving 75+ critical bugs

Education

Master of Science in Data Science | April 2025 – Current | Hochschule Fulda, Germany

Coursework: Research Project, "Mandelbrot Visualization and Optimization Using Python (AI)"

Skills

TypeScript, Javascript, Java, Golang (in progress), Python, React, Tailwind, Spring Boot,	Node.js, Azure, Firebase, MongoDB, MySQL, Docker,	Git, Jenkins, OAuth, JWT, Jest, Pytest
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Collaborated effectively with cross-functional teams including Design and Product.
Passionate about clean code, system scalability, and learning best practices

Projects

GETGOOD - E-commerce Platform | [Link](#)

React.js, Redux, Node.js, MongoDB, OAuth 2.0, Google Maps API, REST

- Built full-stack MERN e-commerce platform with OAuth 2.0 authentication and Google Maps integration
- Developed RESTful APIs for product catalog, shopping cart, and order management systems
- Implemented responsive frontend using React, Redux, and styled components for modular design

ROADBLUE - AI Education Platform | [Link](#)

React, TypeScript, Groq LLM, MongoDB, JWT, React Flow, Tailwind CSS

- Engineered AI-powered education platform using Groq LLM for personalized learning roadmaps
- Implemented React Flow visualization for interactive learning path representation
- Developed custom prompt engineering pipeline and JWT authentication system

FLUXY - Codebase Analysis Tool | [Link](#)

Node.js, TypeScript, Express.js, ESLint

- Developed automated code quality assessment tool using ESLint for performance metrics analysis
- Created REST API endpoints for codebase processing with version control history tracking
- Built interactive dashboard for visualizing code quality insights and improvement recommendations

IONIC DESIGNS - E-commerce Platform | [Link](#)

Vue 3, Stripe, Express.js, Firebase, TypeScript, Volar, REST

- Built Vue 3 e-commerce platform with Stripe payment integration and Firebase backend
- Achieved 28% improved checkout conversion rate through optimized user experience design
- Implemented responsive UI, user authentication, and comprehensive product catalog management

Achievements

- Global Rank 81 CodeChef November Challenge, Level 3 Coder Codechef
- Ace Software Developer Award, Alois Solutions
- The Odin Project Node.js Certificate
- Google Kickstart Round Qualifier
- IBM Certified, Data Visualization Using Python
- Languages: Hindi (Native), English (C1), German (A2)

