

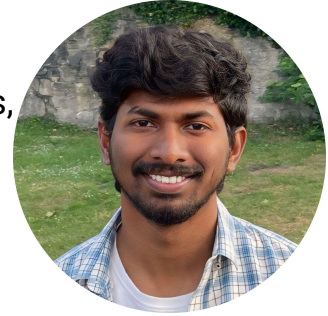
Sai Gowtham Nandan Ganta

Full Stack Developer with a focus on React, Node.js, Express, Next.js, Python, FastAPI and real-time web systems

Address: Brandenburger Straße 16, 33602 Bielefeld, Nordrhein-Westfalen, Germany | Phone: +49 1521 8990 003 | Born 02/08/2001 |

saigowthamnandanganta0208@gmail.com | [LinkedIn](#) | [Portfolio](#) | [Github](#)

Holding a valid Opportunity Card (Chancenkarte) allowing me to start working immediately without sponsorship.



TECHNICAL SKILLS

JavaScript Full Stack Developer (4 years) | React (4) | HTML (4) | CSS (4) | Tailwind (4) | Next.js (4) | Node.js (4) | Express.js (4) | Python (3) | FastAPI (2) | Flask (2) | TypeScript (4) | MongoDB (4) | PostgreSQL(3) | MS SQL Server (2) | NestJS (3) | Java(1) | .NET (1) | Docker (2) | React Native (2) | WebRTC (2) | Web Sockets (2) | SSE (2) | NATS (1) | Git (4) | GitHub API (1) | Storybook (1) | Prometheus (2) | Grafana (2) | OpenTelemetry (2) | Jaeger(2) | Chakra UI (1) | REST APIs (4) | AWS (3) | AWS EC2, ECS, & S3 (3) | AWS Lambda (3) | Terraform (2) | Panva OIDC (2) | CI/CD (2)

WORK EXPERIENCE

07/2022 – 03/2025

Software Engineer (Full Stack Developer)

PalTech, Hyderabad, India

Project: [AgileOne](#) – US-based Vendor Management System used in 21 countries for thousands of recruiters and clients.

- Developed a scalable full-stack vendor management on a microservice architecture platform using React, Next.js, Tailwind CSS, NestJS, and MongoDB.
- Integrated Web sockets, SSE and NATS for real-time communication via chat and audio-video calls using WebRTC, improving messaging latency by 40% and system stability by 35%.
- Set up monitoring with OpenTelemetry, Prometheus, Grafana, and Jaeger, which reduced incident detection time by 30%.
- Deployed Docker-based services on AWS Lambda and automated pipelines to cut deployment effort by 50%.
- Led performance tuning, boosting UI responsiveness by 45% and reducing backend API load by 20%.
- Recognized among the top 1% of employees for consistently delivering high-impact solutions, awarded with the Excellence Award (**Employee of the Year**) and the Extra Mile (**Employee of the Quarter**).

Technologies used: HTML | CSS | JavaScript | TypeScript | React | NextJs | NestJs | MongoDB | PostgreSQL | REST APIs | Tailwind CSS | AWS Lambda | Terraform | AWS EC2 | AWS ECS | SSE | NATS | Jet Stream | Storybook | OpenTelemetry | Jaeger | Prometheus | Grafana | GitHub.

Project: [RecruitAI](#) – US-American AI-based recruitment tool used by 50+ clients to analyse 10K+ candidates.

- Developed an intelligent recruiting platform using React, Next.js, Python, OpenAI, MongoDB, WebRTC, enabling auto JD creation and resume parsing.
- Delivered AI-powered candidate matching, improving hiring speed by 30% and recruiter satisfaction by 50%.
- Implemented video bot interviews with LLMs, raising evaluation accuracy by 35% and reducing average interview length by 20%.

- Orchestrated seamless backend communication and AI workflows, achieving 99.9% uptime and reducing API latency by 40%. Designed dynamic user flows, increasing engagement by 60%.

Technologies used: HTML | CSS | JavaScript | TypeScript | React | NextJs | Python | MongoDB | OpenAI | WebRTC | REST APIs | Docker | CI/CD | Nginx | Jenkins | GitLab.

Project: Quick Ticket – India-based, in-house ticketing System.

- Leading an agile team of 4. Built a real-time ticket management system using React, Next.js, Tailwind CSS, Express.js, MS SQL Server, and WebSockets.
- Optimised database queries and backend performance, reducing average ticket handling load by 30%.

Technologies used: HTML | CSS | JavaScript | TypeScript | React | NextJs | Node.js | Express Js | PostgreSQL | Module CSS | Web Sockets

Project: SSO Authentication System – US-based cross-platform Auth service used by 12+ B2B apps for 10K+ users.

- Designed and implemented a secure SSO system using Express.js, MongoDB, Panva OIDC, supporting login via Google, Microsoft, and credentials.
- Achieved full OAuth2 compliance with robust session handling, improving login success rate by 25%.
- Enabled centralised identity management across services, saving 20+ engineering hours/month.
- Delivered service with 99.99% uptime and seamless extensibility.

Technologies used: Node.js | Express Js | EJS | MongoDB | Node OIDC | OAuth | JSON Web Token (JWT) | Authorization.

07/2021 – 06/2022

Freelance Full Stack Developer

Self-employed, Hyderabad, India

Project: Zeengi – Food Delivery Platform based in India and serving 100+ vendors and 10,000+ users.

- Created full web and mobile apps using React, React Native, Express.js, MongoDB, Docker, with real-time location tracking and order workflows.
- Designed custom admin dashboards and reporting features that increased operational efficiency by 50%.
Deployed on AWS with CI/CD automation, maintaining 99.9% uptime and continuous feature rollouts.
- Streamlined checkout and payment modules, reducing cart abandonment by 20%.

Technologies used: HTML | CSS | JavaScript | TypeScript | React | React Native | Java | MS SQL Server | AWS | Tailwind CSS.

EDUCATION

06/2018-06/2022

Bachelor of Technology in Computer Science and Engineering (CSE)
JNTUK, Kakinada, India

LANGUAGE SKILLS

English (C2) | Telugu (Mother tongue) | Hindi (C2) | German (B1, currently learning)

HOBBIES

Badminton | Travelling | Gym | Playing the guitar | Social volunteering