Sameer Sinha

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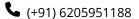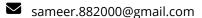
SUMMARY

Full-stack developer with over 2 years of experience specializing in Angular, TypeScript, and Node.js. Proficient in building real-time, scalable web applications. Possesses a strong foundation in computer science fundamentals.

TECHNICAL SKILLS

- Angular
- Bootstrap
- Azure OpenAI services
- Data Structures & Algorithms
- Typescript
- REST API
- Node.js
- Git/GitHub
- Firebase
- MySQL, MongoDB
- Javascript
- React.js
- OOPs
- C/C++

WORK EXPERIENCE

Software Development Consultant   Oct 2022 —Present
Genpact India Private Limited   Bengaluru (Hybrid)

- Engineered the **frontend** of the **GENAI Playground** platform using **Angular, Node.js**, creating an interactive interface for users to explore advanced **AI tools**. This platform integrates **OpenAI's ChatGPT** models, including options like **GPT-3.5**, **GPT-4**, **GPT-4-turbo** (4o), and optimized lightweight models (**o1 mini**). It also incorporates **Azure Video Indexer** for video indexing tasks. Additionally, I implemented **image generation** capabilities using popular models like **Stable Diffusion**, **AWS's Titan**, and **OpenAI's DALL-E**, enabling users to generate high-quality visuals from text prompts.
- Developed and maintained the **Digital Assistant** desktop widget for over 1 lakh+ Genpact employees, enhancing access to critical AI tools, with an active user base of 10,000-20,000.
- Led the development of **MeetingAssist**, automating note generation for SFDC accounts, and **SOC Report** System, optimizing vendor audit reporting.
- Implemented backend services using Node.js and Express.js, improving the efficiency of RESTful API interactions between components.

Software Engineer Intern   July 2020— Dec 2020
Actinide Limited   Remote

- Led a team of 3 to build **Assistroo**, a personalized learning platform for children aged 7-12 in London, from scratch using React and Redux, and deployed it on **Firebase** with a CI/CD pipeline for continuous updates.
- Designed and developed interactive **user interfaces** with **Material UI**, enhancing usability and ensuring a seamless user experience.

PROJECTS

- **Assistroo** - Assistroo is an online platform for personalized learning interface which delivers UK standard curriculum based adaptive and personalized tests for each student. Major Tech and tools used - **React, Redux, Material UI, Firebase, React-Router, Trello, GitHub CI/CD**.
- **Blog Application**- Built a blog platform using **EJS** for the frontend and **Node.js** with **Express.js** for the backend. Integrated secure user sessions using JWT authentication. Incorporated **MongoDB** Atlas to handle content, comments storage. Deployed the blog platform on Railway for a scalable, production-ready environment.
- **Notes Application**- Developed a full-stack notes app with **Angular** for the frontend and **Node.js** with **Express.js** for the backend. Deployed the frontend on Vercel, backend on Railway, and used MongoDB Atlas as the database, ensuring smooth performance across services.

EDUCATION

B.E. Printing Engineering, Jadavpur University, CGPA: 8.55/10.00   Aug 2018 — July 2022

ACCOMPLISHMENTS & HONORS

- Contributed as a participant in various Open-Source Programs such as **GirlScript Summer of Code (GSSoc'21), GirlScript Winter of Contributing (GWoC'21).**
- Top 30 in **Hack The Crisis-India Online Hackathon**. Top 300 in **THE GLOBAL HACK** organized by Global Hack and Garage48 for the project **PCOVID19**.