SAMITH SHETTY

FULL STACK ENGINEER

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PROFESSIONAL SUMMARY

Growth-oriented Software Development professional with 5 years of experience in building scalable web and mobile applications. Skilled in React, Express.js, Node.js, MongoDB, and Docker. Seeking to leverage my expertise in full stack development to contribute to innovative solutions as a Full Stack Engineer.

EXPERIENCE – 5 years

Full Stack Engineer

Currys | Loughborough, United Kingdom | July 2024 - Present

- Improved website performance by **25%** by updating outdated code standards and libraries, enhancing user experience and site speed.
- Led **A/B testing** initiatives, achieving significant conversion rate improvements on B2C pages.
- Collaborated with business teams to deliver solutions that met customer needs, driving engagement and satisfaction.
- Delivered **9 high-impact features**, contributing to continuous product improvements and business growth.

Full Stack Engineer

RK TECH | London, United Kingdom | Feb 2023 – July 2024

- Reduced CI/CD pipeline deployment time by **70%**, accelerating the development cycle and improving release efficiency.
- Participated in code reviews and ensured git hygiene, contributing to a **30%** reduction in bugs and faster releases.
- Mentored **4 developers**, enabling them to ship more features and write less buggy code, improving overall team productivity.

Full Stack Engineer

Nextus Technologies | Mumbai, India | Mar 2021 - Jan 2023

- Dockerised projects, reducing deployment costs by **20%** and improving deployment speed by **50%**.
- Successfully deployed apps to **TestFlight**, enabling a team of **7** to test applications natively, resulting in enhanced feedback for iterative improvements.
- Developed web and cross-platform applications, improving customer engagement and application stability, which led to **increased user signups** and **higher app usage**.

Frontend Engineer

Corpusvision Technologies | Mumbai, India | Oct 2019 - Feb 2021

- Implemented push notifications with **FCM**, which played a key role in driving user engagement and app retention through improved functionality.
- Deployed applications to the **Google Play Store**, resulting in a solid volume of downloads and positive app ratings

SKILLS

Technical Skills: React, Next.js, Express.js, Node.js, Typescript ,Vue.js, Ionic, JavaScript, Python, Flask, Vite, Webpack, MongoDB| NoSQL, SQL, Firestore, GIT, Firebase, RESTful API, Redux, Pinia, Zustand, Jest, Docker, Vercel, TestFlight, Optimizely, Stripe, JWT, Firebase Cloud Messaging (FCM), AWS, S3, Github Actions, TDD, CI/CD, Amazon SES, i18n, Tailwind, Swagger, Agora, Electron, MQTT.

Professional Skills: Full Stack Development, Client Requirement Analysis, Code Review, Git Hygiene, Backend Development, Frontend Development, API Development, Test-Driven Development, Hosting, Responsive Web Design, Testing, SEO Optimisation, Continuous Integration/Deployment, Cross-Platform Application Development, Security Best Practices, Problem-Solving, Agile Methodologies, Team Collaboration, Multilingual: English, Hindi & Tulu.

PROJECT PORTFOLIO

- **RK TECH Website Development:** Built the company's website, focusing on modern design, enhanced user engagement & improved SEO performance. Used **Next.js** with **Zustand** and **Tailwind CSS** for the frontend development, **Firebase Firestore** for contact form data management, and **Vercel** for hosting. Integrated **Google Analytics 4** for detailed website analytics.
- **AI Virtual Chat:** Develop an interactive platform where users can converse with virtual characters. These characters can generate and share images upon request, with the unique twist of being present within the generated images themselves. **Express.js** in **Node.js** for backend, **React** with **Redux**, **Tailwind CSS** & **Vite** for frontend, **MongoDB** for DB, **OpenAI** & **Fooocus API** for LLM and Image Model.
- **Service Provider and User Communication Backend:** Developed a comprehensive backend system facilitating seamless communication between service providers and users across web, desktop, and mobile applications. Leveraged **Node.js**, **MongoDB** for the database, and **Stripe** for payment processing, integrating **Firebase Cloud Messaging** for real-time notifications on **Android** and **iOS**, and **Amazon SES** for reliable email services.
- **Smart Home Control Centre Application:** Used **Ionic**, **Angular**, and **Capacitor** to craft a user-friendly **Android** application that transformed everyday interactions with smart home devices. My work focused on designing an intuitive user interface. I contributed to the integration with **Firebase Realtime Database** for efficient data handling and secure account management, and used **MQTT** protocol for seamless device linking and management.

EDUCATION

- **Masters – Computer Science | 2023**
  University of South Wales, United Kingdom
- **Bachelor – Computer Science | 2019**
  Pillai College of Arts, Commerce and Science, India

ACHIEVEMENTS

- **MSc Project Presentation:** Presented at the University of South Wales conference, showcasing a solution that allowed real time communication with audio and video feed.