Siddhant Thakare

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EXPERIENCE

AllCheer   May 2025 – Present
Software Engineer   San Francisco, CA

- Improved employee self-service **efficiency by 60%** via simplifying access to organizational policies and task assignments, through building an internal WhatsApp-based chatbot using **OpenAI Agent SDK**, FastAPI, and deploying it via GCP Cloud Run.

10th Inning Ventures   Feb 2025 – Apr 2025
Software Engineer   San Diego, CA

- Enhanced application SEO by migrating the Next.js app from client-side rendering to server-side rendering on Firebase App Hosting, and enabled foreign key relationships in database by migrating from Firestore database to MySQL on GCP Cloud SQL.
- Developed support for personalized dashboards for different user types though implementing custom claims in Firebase Auth, and built a dedicated coach dashboard for managing athlete progress, personal profile, and invitations using React & Next.js.

Kfintech   Jul 2022 – Aug 2023
Software Engineer   Hyderabad, India

- Generated **30% profit** over **2 quarters** by solving onboarding inefficiencies of **4 clients** through automation, by implementing a SaaS solution using React, Next.js & MUI frontend, Node.js & TypeScript backend, and PostgreSQL & MongoDB database.
- Reduced form development time by **60%** across **3 teams** by building a component library using MUI with support for async validation functions, and deployed AWS-hosted Storybook app for testing and documentation of **20+ reusable component**.
- Decreased time spent on deployment by **80%** & enhanced stack reliability, by automating the deployment of the stack using CI/CD pipelines created by Jenkins, integrated with Terraform & AWS CloudFormation, and triggered using GitHub actions.

Amazon   Feb 2022 – Jun 2022
Software Engineer Intern   Bangalore, India

- Reduced the team's bug identification time by **40%**, by enabling easier analysis of log files stored in **6 S3 buckets** present in 3 different AWS accounts, through building an **S3 Document Viewer**, and integrating into the team's **agile workflow**.
- Achieved a response time of **500 ms** in full-load and capability of handling **600,000 requests/min** for the Document Viewer, by coding it with React.js, TypeScript, ESLint, Java, Spring and hosted using AWS Lambda, API Gateway, S3, and CloudFront.
- Lessened API performance metrics retrieval time during team on-calls by **80%**, by eliminating the need to manually go to multiple AWS consoles, through creating **8 dashboards** using AWS CloudWatch & AWS CDK and integrating them in team's wikis.

TECHNICAL SKILLS

Programming Languages: C/C++ · JavaScript & TypeScript · Python · Java
Frameworks/Libraries: React.js · Next.js · Tailwind CSS · Redux · MUI · Express.js · Fast API
Tools/Technologies: Node.js · REST APIs · GraphQL · Docker · HTML5 · CSS3 · Jest (Automated testing)
Development Tools: GitHub · Terraform & AWS CDK (Infrastructure as code) · Docker · Jenkins (CI/CD) · ESLint
Cloud Services (AWS): Lambda · EC2 (Linux) · Cognito · RDS · S3 · IAM · CloudFront · DynamoDB · CloudFormation

PROJECTS

Whiteboard Application with Real-Time Sharing | *Personal Project*

- Increased engagement of remote teams by **30-40%**, through developing a whiteboard web application with real-time sharing.
- Implemented the app using React, Canvas API for frontend, Firebase for real-time database, Websockets for instant updates.
- Reduced tree map drawing time by **40%** by creating a text-to-drawing feature to auto-create tree maps using **OpenAI API**.

EDUCATION

University of California, Riverside   Sep 2023 – Dec 2024
Master of Science in Computer Science   GPA: 3.95 / 4

Coursework: Advanced Algorithms, Big-Data Management, Machine Learning & AI