SMITH KAMLESH GAJJAR

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Senior Software Engineer and Solutions Architect with 3 years of experience working in early stage startups, building applications and open source projects using several languages and JavaScript frameworks, managing and optimizing Frontend & Backend infrastructure including deployment, scalability, performance and 3rd party service integrations.

EXPERIENCE

Codecademy ↗   **Remote**
Senior Software Engineer   *Jan 2024 – Present*
- Working on enhancing the enterprise experience on the Codecademy platform, implementing strategic improvements for seamless and efficient learning.

Videoverse - Illusto ↗   **Mumbai**
Full Stack Developer   *Oct 2023 – Dec 2023*
- Integrated and Managed different payment system like Stripe, Razorpay and Phonepe to enhance user experience and streamline payment functionalities across different region..

Tekie ↗   **Remote**
Senior Full Stack Developer   *June 2022 – Sept 2023*
- Tekie is a B2B Ed-tech platform that uses storytelling to make learning to code a movie-like experience. As a founding team member collaborated and scaled platform to over **500+ schools**.
- Mentored, Guided and led a **team of 7 developers** in spearheading the product development and seamless **migration** of an product suite. Encouraged code hygiene and best practices while building along with peer code reviews.
- Managed and Optimized DevOps infrastructure and Configured CI/CD on Github/Jenkins based of **Redis**, **MongoDB**, **PostgreSQL**, Managed **Kubernetes**, **Azure** and **AWS** Services such as EC2, S3, Elastic Transcoder and CloudFront.
- Led 10+ **Proof of Concept's (PoCs)** for Product Development. Additionally Developed and Contributed to 3+ open-source NPM libraries, **mongodb-aggregation-builder**, **tekie-content-editor**, **react-blockly-playground**.
- Developed, Managed and Optimized API and backend architecture for enhanced scalability and performance, reducing response time by **over 60%** utilizing **NodeJS**, **GraphQL**, **MongoDB**, **Redis** and CDN Caching.
- Integrated and Led Development of different 3rd party services such as **GSuit**, **Pyodide**, **Newrelic**, **Sentry**, **Freshdesk**, **Mailmodo**, **Elastic**, **Stellate** (Caching) and **GA/GTM/Looker Studio** to improve and monitor application performance.
- Implemented and Managed Internal Reports architecture for the Business Team utilizing NodeJS, **ETL Process** (From MongoDB to SQL), **PostgreSQL** and **Python** (Flask), facilitated data-driven decisions and supported 15+ initiatives.
- Implemented user facing modules, a PWA based on **Reactjs** and **Redux** and a Desktop App using **Electron.js**. Improved Landing Page Score/Performance and SEO to **99%** to improve visibility and **Core Web Vitals**.

InVideo ↗   **Mumbai**
Front-end Developer Intern   *June 2019 – July 2019*
- Built new user facing modules by converting designs from Sketch and InVision into pixel-perfect and responsive screens using **Angular** 7, HTML, SCSS and **TypeScript**.
- Improved cross-browser inconsistencies in the interface using **BrowserStack** across 5+ different web browsers.

PROJECTS

Lookahead
- Look ahead (fetch) Apollo GraphQL fields with recursive joins ($lookup) in a single MongoDB Aggregation Query resulting in reduction of more than **80% database calls**. NPM Link - www.npmjs.com/package/lookahead

mongodb-aggregation-builder
- Utility Library for building MongoDB Aggregation Pipeline in an easier and more readable way using Typescript.

GraphQL NodeJS Backend Starter
- A Typesafe NodeJS Backend Server Boilerplate/Starter Template Built using Typescript, MongoDB, GraphQL & Redis.

react-blockly-playground NPM
- A React Wrapper for using Blockly, the visual programming editor from Google Blockly.   View all projects ⌂ smithg09

TECHNICAL SKILLS

Languages/Frameworks: JavaScript, Python, NodeJS, GraphQL, ReactJS, Angular, TypeScript, Redis, NGINX, Electron, CSS/Sass, React Native, Next.js, Ruby on Rails, GoLang, Redux, RxJS, Jquery. **Databases**: MongoDB, PostgreSQL, MySQL.

Tools: AWS, Azure, Sentry, Docker, Jenkins, Git, Webpack, Freshdesk, Vercel, Jira, BrowserStack, Looker Studio, GA/GTM

EDUCATION

Vivekanand Educational Society's Institute of Technology   **2018 – 2021**
Bachelor Of Engineering In Computer Science   *Mumbai, Maharashtra*
K.J.Somaiya Polytechnic   **2015 – 2018**
Diploma In Computer Engineering   *Mumbai, Maharashtra*