

Bengaluru
shivam21.t@gmail.com
8638403543

Shivam Tiwari

Software Developer

linkedin.com/in/shivam
github.com/shivam

With a foundation in cutting-edge technologies and a proven track record of impactful contributions, I am eager to take on new challenges and continue my journey of innovation in the field of software development.

TECHNICAL SKILLS

Languages	Javascript ,Typescript ,Golang,Java.
Frameworks and tools	ReactJs ,NodeJs , React-Native, Docker ,Git.
AWS services used	Lambda,CodeCommit,S3,ElasticSearch ,SQS,AWS Batch,Cloudfront,API Gateway.

WORK EXPERIENCE

Software Engineer 7/2022 - 8/2023

Borderfree Technologies Pvt Ltd -> Project - **REVO 2.0**

- Pioneered the implementation of **concurrency control measures**, **eliminating race conditions** during read/write operations.
- Elevated user experience by **reducing load time 50%**, by automating mp4 video to HLS(m3u8) using **Docker,ECR and AWS batch**.
- Automating image generation of different formats and dimensions using **S3 and Lambda**.
- Drove **website optimization** initiatives, resulting in **reduced load times by 1s** via SSR, gzip, and Cloudfront caching.
- Pivotal role in enhancing code quality written in **Golang** and streamlining APIs time complexity, **to reduce latency by atleast 30%**.
- Led a cross-functional **team of 3 members to successfully integrate a pioneering Shoppable Video feature** into REVO 2.0.
- Engineered **3rd-party APIs in Golang** tailored to **10+ client-specific** requirements, enhancing product functionality.
- Spearheaded the **migration of back-end database model** and seamless transfer of legacy APIs using **Python and Bash scripts**.
- Executed intricate **Elasticsearch queries**, established **CloudFront aliases for S3 buckets**, and facilitated **static S3 webpage hosting**.
- Provided critical **support for live streaming via SQS** to ensure continuous updation of critical user information.

Trainee Product Engineer 01/2022 - 6/2022

Borderfree Technologies Pvt Ltd -> Project - **REVO 1.0**

- Effectively maintained and fortified backend codes while promptly addressing bugs with tools like **Lambda, CodeCommit**.
- Modifications with meticulous attention to pixel-perfect **CSS and Redux to enhance Reactjs functionalities**.

Wordpress Intern 08/2020 - 09/2020

House of Baanu (**Certificate**)

- Created and optimized homepage and product pages, skillfully incorporating **plugins like Woocommerce, Yoast SEO, Variation Swatches, and Elementor**. Enhanced user experience by seamlessly integrating user-friendly functionalities including Social-login and Weight-based Shipping, and successfully enabled Razorpay Payments, resulting in a streamlined e-commerce interface.

PERSONAL PROJECTS

Seam Carving (Github) 03/2021 - 05/2021

- Engineered a sophisticated algorithm using **python and seamlessly integrated it with Django**, resulting in an efficient and reliable solution.
- Users can upload photos and view new dimensions alongside **carved image using dynamic programming**, which made it 110% faster than traditional methods.

BCF invoice (Github) 11/2020 - 12/2020

- Orchestrated the end-to-end development of a comprehensive **cross-platform application using React-Native**, ensuring seamless functionality across both Android and iOS platforms..
- Focused on **efficient storage of daily invoices**, ensuring seamless bill creation and editing, facilitating **export data into excel format**.

EDUCATION

Bachelor of Engineering, Dr. Ambedkar Institute of technology,Bengaluru,CGPA: 8.63 2018-2022

Higher Secondary(12th), CBSE, Gyan Eductional Institution,Guwahati, Percentage: 80.1/100 2017

CERTIFICATES

- **Data Structure and Algorithm with C++** 09/2020

LANGUAGES / INTERESTS

Languages

- Hindi,English,Assamese