

PROFESSIONAL EXPERIENCE

• Kustard Technologies

Mumbai, India

*Senior Software Engineer**Mar 2017 – Apr 2020*

- **Starzomi:** It is a distinct platform which allows users (fans) to avail personalized services from celebrities. I collaborated with a junior developer to rewrite the admin panel in SPA. Worked on Celebrity, Order, Service and Permission modules. Challenges tackled include form builder, custom HOC, permission tree structure and pagination.
- **Digital Signage:** Developed SASS project that helps the Organization setup and schedule signage applications from the web. Worked on Dashboard and React app which runs on Raspberry pi. Challenged tackled includes role based auth system, Drag and drop feature and Running multiple media in a loop for specified time. Conducted regular stand-up meetings with the entire team in order to ensure effective communication and timely delivery.
- **Naima:** Developed data collection mechanisms to track and compare client portfolio before and after trades, for reporting over REST APIs to compliance teams that helped generate reports instantly instead of EoD.
- **Prodace:** Developed a SASS product that provides online workspace for film productions. Challenges tackled include handling file upload with any file type, push notification using websockets, handling of UI based on user permission. I was imparted full responsibility as the sole frontend developer on this project and was also actively involved in the decision making process for project design. The project was successfully completed in a span of just two months.
- **Hbits:** Implemented automated performance testing using in-house CI/CD and build tools to reduce developer intervention and save at least 4 man-hours/release cycle.
- **Wings & Wheels (Travel portal):** Implemented automated performance testing using in-house CI/CD and build tools to reduce developer intervention and save at least 4 man-hours/release cycle.
- **Simba:** Implemented automated performance testing using in-house CI/CD and build tools to reduce developer intervention and save at least 4 man-hours/release cycle.

*Software Engineer**July 2015 – Jan 2018*

- **Tata Mumbai Marathon:** Redesigned server-side services to support web-based client & streaming real-time data using WebSockets. Improved performance using ~70% smaller payloads & boosted reliability using micro-services architecture
- **Snappbox:** Redesigned server-side services to support web-based client & streaming real-time data using WebSockets. Improved performance using ~70% smaller payloads & boosted reliability using micro-services architecture
- **Wazza:** Redesigned server-side services to support web-based client & streaming real-time data using WebSockets. Improved performance using ~70% smaller payloads & boosted reliability using micro-services architecture
- **Exrup:** Redesigned server-side services to support web-based client & streaming real-time data using WebSockets. Improved performance using ~70% smaller payloads & boosted reliability using micro-services architecture




• LiveFiesta

Mumbai, India

*Frontend Developer**July 2016 – Jan 2017*

- Designed and developed PWA for Event Ticking platform in Angular 2. This helped in moving Ticket booking experience from offline to online.
- Took full responsibilities of the project and implemented the entire flow. Worked on Social Signup, Login, Search Events, Payment and Analytics modules.

PROJECTS & AWARDS

- **HoldingWiley** : An iOS app for displaying real-time scores, stats & analysis of cricket matches.
- **WaveView**  : Open-source Android/Java library for rendering and animating sinusoidal waves
- **Video Action Classification:** Compared LSTM v/s SVM for action classification task on the UCF101 data. Used Transfer Learning to compute features for 60000 video frames with limited compute resources.
- Ranked among top 1% in India in Graduate Aptitude Test in Engineering for Computer Science, a national-level exam organized by Indian Institute of Technology & Indian Institute of Sciences.

PUBLICATION

- **Visualization of Mechanics Problems based on Natural Language Processing**

International Journal of Computer Applications

Apr 2015

TECHNICAL SKILLS

- **Languages & DB:** Proficient in Python & Java, experience with Swift, C, C++, SQL, NoSQL, MongoDB
- **Frameworks & Libraries:** Spring, Android, iOS, Apache Kafka, Elastic, Logstash, Kibana, TensorFlow, Keras, PyTorch, NLTK, spaCy, OpenCV, Pandas, NumPy, scikit-learn, Matplotlib, MapReduce, Spark.
- **Build & Other Tools:** Git, Gradle, Maven, Jenkins, Bash, Linux.

EDUCATION

University of Mumbai

Mumbai, India

Bachelor of Engineering in Information Technology; First Class

Aug 2010 – May 2015

- Data Structures & Algorithms, Software Engineering, Object Oriented Analysis & Design