Niraj Rajgor

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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 non-intrusive ways to gather, store, visualize and analyze metrics using Elastic, Logstash & Kibana for latency across micro-services to identify bottlenecks and performance improvement options.
    - **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**: 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.
    - **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

- **HoldingWilley** : 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