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EDUCATION

MS in Computer Science   **Expected Graduation: April 2020**
College of Computer and Information Science, Northeastern University, Boston, MA, USA
BE in Electrical and Electronics   **August 2010 - April 2014**
College of Engineering Guindy, Anna University, Chennai, India

TECHNICAL SKILLS

Programming Languages: Java, Swift, Golang, Javascript, C++, Bash, SQL, Python, HTML, CSS
Frameworks And Tools: React, React Native, Android, iOS, Node.Js, Express, Firebase, Git, Docker, Maven, Gradle

ACADEMIC PROJECT

NU Docs - A peer-to-peer implementation of Google Docs   **December 2018**
- Uses Operational Transform (REDUCE approach) for achieving convergence, causal preservation and intention preservation; written in Golang; peer-peer connection via tcp.
- A web app to make and see real-time updates; connects to the peer using socket.io; written in Javascript using React.

RELEVANT COURSEWORK

- Distributed systems; 2PC, 3PC, Paxos, Raft, Distributed Hash Tables, Blockchain, GFS, HDFS, MapReduce.

RELEVANT WORK EXPERIENCE

Platform Engineer   **November 2016 - June 2018**
Hasura Technologies, Bengaluru, India
- Led the development of the Android and iOS SDK; analysed SDKs from other platforms like Parse, Firebase and Realm; incorporated feedback from developers in different organisations to come up with an intuitive and simple design for the interface.
- Developing and maintaining Hasura Hub, a repository for community driven projects.
- Developed realm-pg-sync, an open source microservice which syncs data between the realm object server and a postgresql database; used to develop offline-first applications.
- Built the first(internal) version of api-code-generator(open sourced), a javascript library that generates code to make network API requests in different programming languages.
- Built the web UI component of kubeformation.sh, an open source web UI and CLI tool that helps create declarative specifications for your managed Kubernetes vendor; created a dynamic form builder in React.
- Represented Hasura at public conferences and events like ReactFoo, IndiaHacks and BHive to speak about their tooling and features.
- One of the course instructors for IMAD, a collaborative online course between Indian Institute of Technology(IIT), Madras and Hasura; saw 127,452 registrations; prepared content as well as assignments for the mobile application development section.
- In charge of the interns who got through the Hasura Product Development Fellowship program; helped them with their first commit, assigned tasks and conducted weekly review of their work which included providing constructive feedback.

Technology Lead   **January 2016 - November 2016**
Levo Innovations Private Limited, Bengaluru, India
- Created the first version of the complete product from scratch; Android, iOS and Node.js + Postgresql backend application.
- Involved in non technology related decisions like hiring, investments and marketing.

Entrepreneurship, consultancy and freelancing   **September 2015 - January 2016**
- Co-founded Outside The Byte LLP, a technology service based company that was internally acqui-hired by one of our clients; head of technology; hired and trained developers.
- Android Coach at Startup Village, Bengaluru; mentored 10+ teams by organising sessions to discuss best practises and design patterns that can be followed for application development; helped teams reason about design decisions.
- Reduced product upload time by 20% in Zilingo's iOS app; identified pain-points by performing usability tests and solved them by working closely with the UI designers.
- Product Manager at Hipbar: Introduced strict coding practises that minimised code conflicts, refactored design to increase code reuse and completed the iOS app(delayed by a year) in under three weeks.