
EDUCATION

- **Indian Institute of Technology, Madras** Chennai
B-Tech in Computer Science and Engg with Minor in Management Studies. CGPA: 7.2 *Jul 2011 – May 2015*

EXPERIENCE

- **Gameskraft** Bangalore
Senior Software Engineer *Jul 2020 - Present*
 - **Scalable Services:** Building highly scalable microservices with Java Spring and Express that fuels the gaming experience on the platform.
 - **Event Driven Architecture:** Adopting event driven architecture using Apache Kafka across multiple distributed services for high throughput and efficient load balancing.
- **PharmEasy** Bangalore
Senior Software Engineer *Sep 2019 - Jun 2020*
 - **Re-architecture:** Re-architecting the B2B order management system from monolith application to microservices, for scalability and independency. Optimised the performance of the existing APIs in NodeJS.
 - **Core Implementations:** Features like notifications module, task manager and order synchroniser.
- **Accelerate (Startup)** Chennai
Lead Developer *Feb 2018 - Aug 2019*
 - **Online Orders:** Architected the online ordering system and starter application for the restaurants
 - **Cloud POS:** Developed the core backend for cloud based POS and ERP software in NodeJS and PHP, and introduced the microservices architecture. Integrated multiple payment gateways and third party tools.
 - **Development:** Developed desktop and mobile applications and dashboards using AngularJS, Ionic and Electron. Created tools for fraud order detection, sales analytics and customer history based recommendation.
 - **Open Source Contribution:** Built a tool for reverse syncing of multiple copies of databases in Apache CouchDB
- **EdgeVerve Systems** Bangalore
Member of Technical Staff *Jul 2015 - Jan 2018*
 - **Tech Incubation Team:** Involved in building prototypes and POCs for new business ideas. My work on 'Deploying Blockchain for Banking Transactions' was later rolled out to production on **Finacle**
 - **Banking Application:** Full stack development of mobile banking app. for Finacle with RESTful APIs in NodeJS
 - **Research on Blockchain:** Extended the scope of blockchain to develop a platform for validating the proof of ownership of luxury goods using **Tendermint** blockchain. Developed and deployed multiple **Smart Contracts**
 - **Legacy Code Rewrite:** Improved the 16 years old legacy code by rewriting it to Spring framework with Stored Procedures. Redesigned the Java based application to Polymer and Loopback, with UI/UX modernization.
- **Apigee (Google)** Bangalore
Software Engineer Intern *Summer 2014*
 - **Research Work:** Created a tool for the automated generation of Android SDK functions from a given WADL description of a REST API (API Model) using the **Apigee Edge** platform and the open-source tool Apache CXF.
 - **Analytics Dashboard:** Developed a web dashboard in AngularJS, to display the performance and stats of APIs
- **Distributed and Object Systems Lab, IIT Madras**
Research Project under the guidance of Prof. D. Janakiram *Aug 2014 - May 2015*
 - **Thesis:** Implemented optimal algorithm for core scheduling in **BOSS MOOL** - Minimalistic Object Oriented Linux (MOOL), aims at redesigning the existing linux kernel with minimal set of core OO components.

PROGRAMMING SKILLS

- **Languages:** : NodeJS, Java, Spring, JavaScript, Angular, SQL, HTML, CSS, C, C++, PHP, React
- **Technologies:** : Blockchain, Electron, LoopBack, Ionic, MySQL, CouchDB, MongoDB, AWS, ElasticSearch, Kubernetes, Kafka, Redis