ABHIJITH C S

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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

PROFESSIONAL EXPERIENCE

- **Tekion** — Bangalore
  Senior Software Engineer   Aug 2021 - Present
  ○ Leading a team of 12 developers in Accounting with multiple responsibilities including - collaborating with the Product for feature requirements, high level system architecture and scaling of the systems and code reviews
  ○ Built real time payments in Accounting to automate the journal posting, drastically reducing manual efforts
  ○ Architected API Aggregation Service to reduce network calls from the applications, which reduced overall API latency

- **Gameskraft** — Bangalore
  Senior Software Engineer   Jul 2020 - Aug 2021
  ○ Built highly scalable microservices for game leader board, communication and on demand money withdrawals
  ○ Designed an event driven action based reward system using Apache Kafka, across multiple distributed microservices with high throughput and efficient load balancing, using Java Spring and Node Express on AWS Cloud
  ○ Enhanced the Fraud Detection algorithm with a graph connecting all the players on the platform, using rule based mapping of suspecting moves on Neo4j, reducing the frauds to less than 0.1%

- **Pharmeasy** — Bangalore
  Senior Software Engineer   Sep 2019 - Jun 2020
  ○ Re-archetected the B2B order management system from monolith application to microservices, for high scalability
  ○ Conceptualized and developed different tools to sync offline orders to the cloud, and to schedule notifications

- **Accelerate** (Startup) — Chennai
  Software Engineer   Feb 2018 - Aug 2019
  ○ Developed RESTful APIs using NodeJS and PHP, for online food ordering, cloud based billing and ERP tools for the restaurants - automated critical operational flows which reduced costs by 40%
  ○ Built desktop & mobile applications and dashboards using AngularJS, Ionic and Electron - with payment gateways integrated, sales analytics, customer order history based recommendations, and user sentiments flagging

- **Edgeverve Systems** — Bangalore
  Member of Technical Staff   Jul 2015 - Jan 2018
  ○ Involved in building prototypes for new business ideas as part of the R&D team - research work on *Deploying Blockchain for Banking Transactions* was later rolled out to production on **Finacle**, the core banking software.
  ○ 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** on the platform.
  ○ Redesigned the mobile banking app using Polymer, Loopback framework and NodeJS. Optimised the legacy code in core banking to Spring framework with Stored Procedures, improved average API throughput by 20% overall.

- **Apigee (Google)** — Bangalore
  Software Engineer Intern   Summer 2014
  ○ Created a tool for automated generation of Android SDK functions from a given WADL description of a REST API (API Model) using **Apigee Edge** platform and the open-source tool Apache CXF. Built dashboard for API stats.

ACADEMIC PROJECTS

- **Distributed and Object Systems Lab, IIT Madras**
  Research Project under the guidance of **Prof. D. Janakiram**   Aug 2014 - May 2015
  ○ Implemented optimal algorithm for core scheduling in **BOSS MOOL** - Minimalistic Object Oriented Linux, 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, Python, React
- **Technologies**: : Blockchain, Electron, LoopBack, Ionic, MySQL, CouchDB, MongoDB, Neo4j, AWS, ElasticSearch, Kubernetes, Kafka, Redis