

# Abhijith C S

## PERSONAL DATA

---

ADDRESS: S12 905, Smondoville, NeoTown, Bangalore  
CONTACT: +91 9043 960 876 • EMAIL: [abhijithcs1993@gmail.com](mailto:abhijithcs1993@gmail.com)  
WEB: [www.abhijithcs.in](http://www.abhijithcs.in) • GITHUB: [github.com/abhijithcs](https://github.com/abhijithcs)

## EDUCATION

---

|             |   |              |
|-------------|---|--------------|
| 2011 - 2015 | <b>B-Tech in Computer Science and Engineering, IIT Madras</b> (Minor in Management Studies) | CGPA: 7.2/10 |
| 2010        | Higher Secondary at HMYHSS Manjeri, Kerala  | SCORE: 95.2% |
| 2008        | High School at CHMHS Pookalathur, Kerala  | GRADE: 10/10 |

## WORK EXPERIENCE

---

|                            |  |
|----------------------------|--|
| <i>Current</i><br>FEB 2018 | <b>Accelerate</b> (Early Stage Startup)<br><i>Lead Developer</i> |
|----------------------------|--|

- **Online Orders** - Designed the architecture and workflow for a starter application, for restaurants to take online orders.
- **Cloud POS** - Developed core backend for cloud based POS and ERP software in Java Spring and PHP. Integrated multiple payment gateways.
- **Open Source Contribution** - Built an extension to Apache CouchDB to achieve reverse syncing of multiple copies of databases.
- **Development** - Designed and developed multiple desktop applications and dashboards using AngularJS and Electron. Incorporated fraud order detection, sales analytics and customer history based recommendation at real time.
- **Mentoring** - Responsible for giving technical guidance and code review to the junior team members

|                                    |   |
|------------------------------------|---|
| <i>Jan 2018</i><br><i>JUL 2015</i> | <b>EdgeVerve Systems, Bangalore</b><br><i>Member of Technical Staff</i> |
|------------------------------------|---|

- **Tech Incubation Team** - Involved in building prototypes and POCs of new ideas. The POC submitted by my team, on **Deploying Blockchain for Banking Transactions** was later rolled out to production by **Finacle**.
- **Legacy Code Rewrite** - Performance improvement of a 16 years old code to Springs framework, with Stored Procedures.
- **Product Rewrite** - Responsible for rewriting front end and back end architecture of Java based old application to Polymer and Loopback.
- **Mobile Banking Application** - Full stack development of mobile banking application for **Finacle**. Developed RESTful APIs in NodeJS.
- **Modularization** - Restructured the entire code base forming logical partitions to improve manageability of complex code, with regards to implementation and maintenance.

MAY-JUL 2014 | **Apigee, Bangalore** (Google Company)  
*Summer Internship*  
Automated generation of SDK functions (specifically Android SDK) from given WADL description of a REST API (API Model) using the *Apigee Edge* platform and the open-source project *Apache CXF*.

## PROJECTS

---

### **Optimal Grouping of Cores in BOSS MOOL**

*B-Tech Thesis under the guidance of Prof. D Janakiram, IIT Madras*

- Implemented Scheduling Algorithm for BOSSMOOL - Minimalistic Object Oriented Linux (MOOL), a project aims at redesigning the existing linux kernel with minimal set of core OO components.

### **www.InstiShop.in**

*Online souvenir shop at IIT Madras*

- Designed and developed an e-Commerce web application for online orders and a dashboard for inventory management
- Implemented invoice generator, auto confirmation mailer and sales summary

### **CMC Air**

*Mobile App of Calicut Medical College (www.cmcair.in)*

- Application to enhance the communication with in the campus community, features include broadcast messages, opinion polls, mock tests, discussion forum.

### **Video Forgery Detection**

*Academic Project at IIT Madras*

- Implemented video forgery detection tool using the correlation of noise residue to report if a given video contain evidence of tampering, like duplication frames.

## TECHNICAL SKILLS

---

Programming Languages: C, C++, PHP, JAVA, JavaScript, NodeJS, HTML, CSS  
Tools & Frameworks: Spring, AngularJS, Blockchain, Electron, LoopBack  
Polymer, Ionic, MySQL, CouchDB, MongoDB

## SCHOLASTIC ACHIEVEMENTS

---

JAN 2012 *The Balmer Lawrie & Co. Ltd. Scholarship* for entrance excellence  
MAY 2009 *M Gopalan IPS Memorial Award* by the Government of Kerala for topping in board exams  
APR 2008 *State Merit Scholarship* by Govt. of Kerala for academic excellence

## INTERESTS AND ACTIVITIES

---

- **Social Service** - Coordinated with NSS of IIT Madras, to conduct camps in rural schools in Chennai and Calicut. Computer Learning Kit and Science Teaching Kit were the two projects aimed to motivate the under privileged children.
- **Hobbies** - Travelling, Gaming and Music.