Abhijith C S

Personal Data

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Education

2011 - 2015 B-Tech in Computer Science and Engineering, **IIT Madras**
Minor in Management Studies
Thesis: *'Optimal Grouping of Cores in BOSS MOOL'* \| Guide: Prof. D Janakiram
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

Current
JUL 2015 | **EdgeVerve Systems, Bangalore**
Member of Technical Staff

- **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 Hibernate and Stored Procedures.
- **Product Rewrite** - Responsible for rewriting the 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**.
- **Modularization** - Restructured and reorganized entire codebase forming logical parti- tions that allows complex code to be manageable for the purpose of 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

Restaurant ERP Application
Freelance Project

- Designed and developed an orderworkflow and starter application for restaurants to take online orders

- Includes an ERP with table reservation, loyalty program, feedback system and customer support, all integrated with the POS.

- Incorporated fraud order detection, sales analytics report and customer history based recommendation

- Implemented at 19 restaurants, with 50,000+ registered users handling a daily volume of nearly 3,000 orders.

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.putshirt.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

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.

Scholarships

Jan 2012	*The Balmer Lawrie & Co. Ltd. Scholarship* for entrance excellence
May 2008	*M Gopalan IPS Memorial Award* by the Government of Kerala for topping in board exams

Technical Skills

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

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 privilaged children.

- Hobbies - Travelling, Gaming and Listening to Tamil Music.