



ACADEMICS

COURSE	INSTITUTION	AGGREGATE	YEAR
B. Tech (Computer Science and Engineering)	Govt. Model Engineering College (CUSAT)	7.62	2012-2016
Class XII	Nirmalamatha Central School (CBSE)	87.4%	2012
Class X	Holy Grace Academy (CBSE)	9.2	2010

AREAS OF EXPERTISE

- Technical Skills: Java, Python, C, HTML, Android, Django, Flask, Spring MVC.
- Operating Systems known: Windows, Linux, OSX.
- Areas of Interest: Web Applications, Mobile Applications, Data Analytics, Databases.

PROJECTS AND SEMINARS

- Project: E-Tourism Planner (Main Project)** **Team Size: 4** **Duration: 6 months**
 - E-Tourism Planner is a web application using Spring MVC framework for searching different destinations according to the interests of the user so as minimize the otherwise cumbersome work of consulting a tourism agent. This application also provides facilities for adding, deleting different destinations. The destinations and the relationship with the activities, accommodation, hotel rating and other details are written in an ontology file.
 - Role: **Backend Developer**.
 - Technology: Java, Jena Middleware, Spring MVC, OWL, SPARQL.
- Project: Devicehub Microservice** **Team Size: 2** **Duration: 2 weeks**
 - Devicehub microservice is a printer microservice solely written to automate the printing task to various printers. It runs a socket server which listens to the socket client (user), a message queue for job queuing and handles the access token allocation for the workstation which is nearest to that of the client.
 - Role: **Developer**.
 - Technology: Flask, Python, Websockets, Redis MQ, DynamoDB.
- Project: Online Judge** **Team Size: 2** **Duration: 1 month**
 - Online Judge is an online compiler for C, C++, Java, Python developed on Django framework. The code submitted by the user is compiled and run in a sandboxed environment to prevent malicious code execution. Test cases are given as input to STDIN and output generated by the program is compared with the solution set.
 - Role: **Backend Developer**.
 - Technology: Django, Python.
- Project: Cleansms** **Team Size: 2** **Duration: 5 months**
 - Cleansms is an Android application which employs Bayesian filter in sorting SMS(s) based on the content and categorizes them into primary, promotions.
 - Role: **Frontend Developer**.
 - Technology: Android.
- Seminar: Ad-Injection at Scale: Accessing Deceptive Advertisement Modifications**
 - It was a research paper published in Google Research website on a system designed by certain Google employees and Berkeley researchers. The system analyzes the rogue ad elements injected to the client DOM and enumerates the intermediaries, the relationship between them and a brief study on how they generate revenue from these deceptive techniques.

WORK EXPERIENCE

- Company: Fulfil.IO (500 Startups)** **Post: Python Developer** **Duration: 2 months**
 - With Fulfil.IO I had developed python API wrappers for a few ecommerce platforms, a microservice for printing communicating via websockets, a windows system tray application using pywin32api, a hybrid application using Ionic and Angular JS.
- Company: Feathernet Ltd** **Post: Android Intern** **Duration: 1 month**
 - The project was primarily developed in android and was a data entry application. The project dealt with databases, geofencing and communicating with web services.
- Company: Clizotech** **Post: Android Intern** **Duration: 1.5 months**
 - With Clizotech I had worked on JSON and Google Cloud Messaging. I had also developed an app to convert multiple jpeg to tiff captured using phone camera where I familiarized myself with android libraries like volley and image magick.



ACHIEVEMENTS

- 3rd prize for Android Development competition conducted by LBS College for Women, Trivandrum.
- Cleansms was shortlisted as one of the top 10 startup ideas at UX Startup Clinic at UXINDIA14 International Conference held in Bangalore.

POSITIONS OF RESPONSIBILITY

- Conducted a workshop on Android Development in M.A College, Kothamagalam, as a part of Google Developer Group, Cochin.
- Conducted a workshop on Android Development in Model Engineering College, as a part of MEC Association of Computer Students (MACS).
- Core member of Excel 2015(Annual technical symposium of Model Engineering College) Computer Science team.
- Co-Founder of the startup 'F5' under the initiative of Government of Kerala and Startup Village.

INTERESTS AND ACTIVITIES

- Attended workshop on Android by Google Developers Group, Cochin in StartUp Village, Kalamassery(2014).
- Extra-Curricular Activities: Participated as guitarist for Western Strings, Western Group Music, Ganamela in arts conducted by Model Engineering College.

REFERENCES

- Prof. Dr. V P Devassia, Principal, Govt. Model Engineering College, Thrikkakara. Email id: principal@mec.ac.in.
- Manilal D L, HOD, Department of Computer Science and Engineering, Govt. Model Engineering College, Thrikkakara. Email Id: hodcs@mec.ac.in