

# Mohammed Nisham K

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Sarayi, Near Indian Express, West Hill, Kozhikkode

## ACADEMIC DETAILS

Qualification	University	Institute	Year	GPA/%
Class X	CBSE	Kendriya Vidyalaya, Kozhikkode	2011	10
Class XII	CBSE	Kendriya Vidyalaya, Kozhikkode	2013	93%
B. Tech Computer Science	Kerala University	College of Engineering Trivandrum	2017	8.8

## EXPERIENCE

- **Engineer, Commvault** 2017 - Present  
Development team. Worked on **Angular JS** and **Java** projects.
- **Developer Internship, Sensomate Systems** 2015 - 16  
Development and debugging team. Projects include **BLE based navigation system** for android, an **ionic webapp**, other **Angular JS** frontend works
- **Freelance Developer** 2015 - 16  
Angular JS Tax Calculator, other Android and Angular works

## TECHNICAL SKILLS

- **Languages** (C++, Java, Python, Shell), **Database** (MySQL, Elasticsearch), **Web** (MEAN stack, Angular, PHP), **Tools** (Android Studio, L<sup>A</sup>T<sub>E</sub>X).

## PROJECTS

- **Easter egg hunt game** 2016  
An online treasure hunt based on the book ready player one. Made using MEAN stack.
- **Face Recognition using machine learning** 2016  
A program written in python (opencv) and octave, that uses neural networks to classify/recognize faces.
- **BLE Navigation System** 2015 - 2016  
An android app and an Angular JS dashboard for indoor navigation using bluetooth low energy beacons. Phase 1 Complete. To be deployed in KIMS hospital.
- **Eye Pencil** 2015  
An iris tracker built into a spectacle frame coupled with a keyboard on screen. Enables paraplegic patients to type out their intentions. Uses opencv image processing. Won best innovation award at college expo.
- **IEEE Link App** 2015  
An app to serve as a unified publicity platform for IEEE LINK (Local Integrated Network of Kerala). Phase 1 released in Play Store at Kerala IEEE Technical Symposium (KITEs) '15.
- **Rom Porter Tool** 2013 - 14  
A windows batch tool to port android roms with minimum user input, 10K+ downloads.

## ACHIEVEMENTS

- Completed Stanford university **Machine Learning course** from Coursera 2016
- First Place, **Game design** workshop, IEEE KiTeS 2015
- First Place, Firefox Appday, application development competition, Barton Hill, Trivandrum 2015

## VOLUNTEERING EXPERIENCE

- Developed Blood Bank Donor search app for NSS cell, CET 2015
- Development mentor at Ignite women's hackathon 2015
- Conducted various Android related workshops, competitions for juniors 2014 - 15
- Conducted Robotics Project Expo at Pankajakasthuri College 2014
- Volunteer for weekly technical sessions of IEEE Computer Society, CET 2015 - 16
- Webmaster at Robotics Club, CET 2015 - 16
- Head of Android Student Club, CET 2015