Mohammed Nisham K

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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. Focus on **Angular** and **Java** projects.
  - Redesigned backup view as a calendar UI increasing customer interaction with the element.
  - Setup automation scripts in **Python** to speed up workflow by removing repetitive tasks.
  - Frontend design and implementation with **Angular** of subsystems from Java UI into command center.
  - Created search feature in Java UI to enable faster client creation enhancing user experience.
- **Developer Internship, Sensomate Systems**   2015 - 16
  - Development team. Projects include **BLE based navigation system** for android and **AngularJS** frontend works
- **Freelance Developer**   2015 - 16
  - AngularJS Tax Calculator, other Android and Angular works

TECHNICAL SKILLS

- **Languages** (C++, Java, Python, Shell, JavaScript, AHK), **Database** (MySQL, Elasticsearch, MongoDB), **Web** (Express, Angular, React, Node, PHP), **Misc** (Android Studio, LaTeX).

PROJECTS

- **Automation scripts**   2018
  Python scripts to speed up workflow and increase productivity by automating sandbox creation, module build, installation and logging.
- **Search feature in Java UI**   2018
  Refactoring code and adding search feature to easily retreive client types during creation of clients.
- **BLE Navigation System**   2016
  An android app and AngularJS dashboard for indoor navigation using bluetooth low energy beacons.
- **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).
- **Rom Porter Tool**   2015
  A windows batch tool to port android roms between devices with minimum user input. 25K+ 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 Android related workshops, competitions for juniors   2014 - 15
- 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