

# Mohammed Nisham K

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Sarayi, Near Indian Express, West Hill, Kozhikode, Kerala

## EXPERIENCE

- **Engineer, Commvault** 2017 - Present
  - Development team. Focus on **Angular** and **Java** projects.
  - Angular** UI design
    - Redesigned backup view as a calendar UI increasing customer interaction with the element.
    - Design and implementation of subsystems from Java GUI into command center enhancing usability.
    - Tracking and fixing customer issues related to search, backup and install software features.
    - Design of frontend UI with proper REST calls for functionality.
  - Java** UI design
    - Created search feature in Java GUI to enable faster client creation enhancing user experience.
    - Provided organization feature with modified dialogs providing consistency with web UI.
    - Added toggling of custom alerts based on customer requirement.
  - Python** automation scripts
    - Automated install and update of commvault software on remote machine decreasing turnaround time.
    - Created scripts for automated sandbox creation and form building increasing throughput.
    - Implemented auto tracking of work items via Trello API for easier work overview.
    - Automated logging and mailing of work processes completed over the week for easier accessibility.
- **Developer Internship, Sensomate Systems** 2015 - 16
  - Development team. Projects include BLE based navigation system and **AngularJS** frontend works

## PROJECTS

- **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.
- **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, Firefox Appday, application development competition, Barton Hill, Trivandrum 2015

## TECHNICAL SKILLS

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

## ACADEMIC DETAILS

Qualification	University	Institute	Year	GPA/%
B. Tech Computer Science	Kerala University	College of Engineering Trivandrum	2017	8.8