

# 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.
  - Redesigned backup view as a calendar UI increasing customer interaction with the element.
  - Setup scripts in **Python** to automate repetitive tasks speeding up workflow.
  - 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.
- **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 done during 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