

# Mohammed Nisham

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## SKILLS

### PROGRAMMING

Proficient:

JavaScript • Angular • React  
Express • Mongo • Python  
Java • Shell • Typescript

Familiar :

Android • SQL • Elasticsearch  
PHP •  $\text{\LaTeX}$  • C++

### SOFT SKILLS

Initiative • Communication • Leadership

## ACHIEVEMENTS

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

## EDUCATION

### COLLEGE OF ENGG. TVM

B. Tech in Computer Science  
July 2017 | Trivandrum

### KENDRIYA VIDYALAYA

Grad. May 2011 | Kozhikode

## EXPERIENCE

### COMMVAULT | Engineer

Jul 2017 - Present | Bengaluru

Angular, Java, Python, React

- Lead developer for global admin console, enabling users to maintain data from multiple CommCells without switching overhead.
- Redesigned backup view as a calendar UI increasing customer interaction with the element.
- Involved in the initial phase for shift of frontend UI codebase to react.
- Design and implementation of subsystems from Java GUI into command center enhancing ease of use.
- Created search feature in Java GUI to enable faster client creation enhancing user experience.
- Provided organization feature in Java GUI with modified dialogs providing consistency with web UI.
- Tracking and fixing customer issues related to search, backup and install software features.
- Automated install and update of commvault software on remote machine with python scripts decreasing turnaround time.
- Developed python scripts for automated sandbox creation and form building increasing throughput.
- Implemented auto tracking of work items via Trello API for easier overview.
- Automated logging and mailing of work processes completed over the week for easier accessibility.

### SENSOMATE SYSTEMS | Developer Intern

2015 - 2016 | Trivandrum

Android, AngularJs

- Indoor navigation system in hospitals. Includes android app for navigation and an AngularJs admin panel.

### FREELANCER | Web Developer

Angular, React, Express, Kubernetes, Elasticsearch

- Co-Developed a freelancer portal where registered users are forwarded relevant job offers from participating agencies. Currently in Beta.
- Elasticsearch based search engine for legal documents supporting search operators.
- An angularJs web portal for tax calculations.

## PERSONAL PROJECTS

### ONLINE EASTER EGG HUNT 2016

Designed a developed a game, inspired by the book Ready Player One. Spanning the internet, involving puzzles, rhymes and cryptography.

### 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 with eye movements. Uses opencv image processing. Won best innovation award at college expo.

### ROM PORTER TOOL 2013

A windows batch tool to automatically port ROMs from one android device to another with minimal input. 25K+ downloads.