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 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, LaTeX).

ACADEMIC DETAILS

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