SLOG SOLUTIONS PRIVATE LIMITED TECHNOLOGY: MEAN Stack DURATION: MODULE 1 (4 WEEKS)

MODULE 1:

<u>Week: 1</u>

- Introduction to MEAN stack
- SQL and NO-SQL databases
- Introduction to Mongo DB
- Collection and Document
- Connect with mongo DB
- Create and drop database
- Create and drop collection
- Insert document
- Read document from collection
- Projection
- Limit() and skip()
- Update document
- Create index
- Backup and Restore

<u>Week: 2</u>

- Introduction to Express
- Basic program execution
- Routing
- URL binding

- Middleware
- Templating
- Static files
- Post data
- Cookies
- Sessions
- Scaffolding
- Error handling
- RESTful API
- Debugging

<u>Week: 3</u>

- Introduction to Angular Js
- Basic syntax
- Data binding
- Module in angular
- Variables in angular
- Controller in angular
- Scope object
- JSON with array
- Custom directive tag
- Filters
- Sorting with filter
- Searching with filter
- Location service
- Timeout service
- Click events
- Interval service

<u>Week: 4</u>

- Introduction to Node Js
- Multiple requests
- References and ===
- This
- Prototype
- Modules
- Object factory
- Basic server
- Web server
- App.js
- Adding page



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