

Agenda – Day 1

Time	Chapter
09:00 – 09:15	Introduction / Get to know
09:15 – 10:45	History of Node, Javascript Client vs. Server, Alternatives to Node
10:45– 11:00	Break
11:00 – 12:45	Runtime V8, Modules in Node, NodeJS Path Module
12:45 – 13:45	Lunch Break
13:45 – 15:30	Event Handling, Synchronous Execution, Asynchronous Execution
15:30 – 15:45	Break
15:45 – 17:00	Event Loop, Streams and Buffers, File Handling

Agenda – Day 2

Time	Chapter
09:00 – 09:15	Wrap-Up / Open Questions
09:15 – 10:45	Asynchronous JS, WebAPIs with Node, Getting Started with Express
10:45– 11:00	Break
11:00 – 12:45	Architecture of Express Apps, Routing, Middlewares
12:45 – 13:45	Lunch Break
13:45 – 15:30	Security, Working with Databases, OR-Mapper
15:30 – 15:45	Break
15:45 – 17:00	Tooling and Documentation of APIs, Authentication and Authorization

Agenda – Day

Time	Chapter
09:00 – 09:15	Wrap-Up / Open Questions
09:15 – 10:45	Versioning of APIs, Client-First with GraphQL
10:45– 11:00	Break
11:00 – 12:45	Server-Side Rendering, View Engines, Styling
12:45 – 13:45	Lunch Break
13:45 – 15:30	Debugging with VS Code, Node Testing Framework
15:30 – 15:45	Break
15:45 – 17:00	Automated Deployment, Code-Sharing between Frontend and Backend