# FRONTEND

* HTML & CSS/SCSS
  + Coding Recipes (Common things that need to be coded over and over)
    - Hamburger Navigation Bar
    - Sticky Header
  + CSS Properties
    - CSS Basics
    - Grid for Dummies
    - Breakpoints
    - Flexbox for idiots
  + CSS Reset
  + Common Colors (HEX & HSL)
  + Common Fonts and What they look like
* Javascript
  + Basics
    - Data types
    - If then statements
    - Loops
    - Variables
    - Methods (string and array)
    - Object operations
    - Math
    - Date
    - Template literals
  + Debugging
  + Error handling
  + Functions (arrow)
  + Destructuring
  + Working with APIs
* React
* Frontend External Tools and Tips
  + Google Webfonts helper
  + Can I Use
  + Fluidtypography
  + Accessibility Developer’s Guide Summary
  + File Structure

# Backend

* Node.js
  + Node Basics
    - Routes
    - Import and Exporting modules
  + Templates
    - Server Template
* MongoDB
  + Basics / Templates
    - Schemas v Models (explanation)
    - Models template
    - Create a schema (template)
  + Advanced
    - Schemas Advanced Guide
* Theory
  + CRUD
    - CRUD in MONGODB w/ examples
  + HTTP Status Codes
  + Database Design
  + Middleware
    - Errorhandlers (template w/ explanation)
    - What is middleware?
  + HTTP Methods
  + Restful APIS
  + File Structure

# Other

* Python
* Java
* Workflow
  + Setting up Development env (frontend and backend)
  + Mobile First Workflow
  + VSCode
* Postman
  + Create documentation
  + Set up workflow
* Git Basics
* Markdown Basics
* Common Programming Theory
  + OOP
  + Machine Learning
* Npm/ Yarn Basics
* Command Line/ Powershell Basic

# Updates

* Frontend
  + ARIA roles
  + Semantic HTML Best Practices
  + React
    - JSX Basics
    - State and Props
    - Hooks (e.g., useState, useEffect)
* Backend
  + Authentication and Authorization (jwt and bcrypt)
  + Include advanced Git topics:
    - Resolving merge conflicts.
    - Git stash.
    - Cherry-picking commits.
  + Security
    - Basic web security topics like CORS, SQL injection, XSS prevention, and HTTPS.