

# Aryan Agarwal

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## SUMMARY:

Full stack developer proficient in both front-end and back-end technologies, adept at building complete web applications from conception to deployment.

## SKILLS:

- **Frontend** - JavaScript, React.js, Angular.js, React Native, Next.js 14, Redux, TypeScript
- **Backend** - Node.js, Express.js, TypeScript
- **Blockchain** - Solidity, JavaScript/TypeScript (Web3.js, ethers.js, DApp development)
- **DevOps** - Docker, AWS, Jenkins, Azure
- **Database** - MySQL, MongoDB, PostgreSQL

## EXPERIENCE:

### Software Developer (SDE) - FutureCloud Technologies | Present

- Worked on the AI Powered electronic lab notebook for the modern scientists using the latest technologies (angular.js, redux, openai, nodejs, express, jwt, aws, tailwind, docker, mongodb, socket.io)
- Worked on having features like lab-entries(docs like editor), lab sheets (excel like sheets), tasks management with calendars, real-time collaboration, real-time notifications, emails, protocols, sops, prompt based search using openai.

### MERN Stack Developer - TechHack Technologies

- Worked on multiple projects including an LMS (learning management system) & Cyverse (a complete online hub for bug bounty hackers). Used EJS with nodejs as the backend in LMS with a complete VOD (video on demand) platform integration along with screen capture & other security protections from AWS. Also integrated the automated payment system from the course selected using razorpay with dynamic coupons selection.
- Cyverse - worked upon creating the complete real-time chat along with real-time collaboration on live courses with projects, assets sharing. (WebRTC, socket.io, PostgreSQL along with Firebase backend for load balancing, Azure for the deployment)

## PROJECTS:

### [\[Link\]](#) Stellr - AI Powered Electronic Lab Notebook

**Tech Stack:** Angular.js, Nodejs, MongoDB, Tailwind, OpenAI, Socket.io, AWS, Docker.

- **Highlights-** Docs like editor, sheets, multi-auth, real-time collaboration, ai-powered search engine, sops, protocols creation, samples generation, custom form generation, bulk exports, crypto.js for data encryption. moment.js for local time calculation, in-built logs, real-time notifications, project creations (invitations), role-based access, etc.

### [\[Link\]](#) The Farsan - Ecommerce Website

**Tech Stack:** Angular.js, Nodejs, Express.js, Redux, SASS, Firebase, MongoDB, Tailwind, AWS.

- **Highlights-** Complete SASS frontend with dynamic inventory directly linked to database with real-time updates using socket.io. Multiple payment gateways for local and international clients (razorpay, stripe, payu), direct marketing/transactional emails using Zoho Mail API, integration with Whatsapp Business API, Zendesk Integration, Live order tracking, QR code generation, Help & Support, Live chat.

### [\[Link\]](#) Techhack LMS - An Learning Management System

**Tech Stack:** EJS, Nodejs, Express.js, Razorpay, VOD, SASS, MongoDB, Nodejs, Azure

- **Highlights-** A complete LMS package with custom VOD (Video on demand) service with m3u8 encrypted streaming from the AWS servers along with all security support. Complete payment gateway, auth, etc.

## EDUCATION:

**Mumbai University (KJ Somaiya College of Engineering)**, Mumbai | BTech in Computer Science Engineering | July 2019 - May 2023