

AJAY VASANT MUDE

portfolio: ajaymude.github.io/ajaymude | github.com/ajaymude | leetcode/u/ajaymude

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in www.linkedin.com/in/ajaymude

OBJECTIVE

Skilled MERN Stack Developer with expertise in Next.js and React Native, adept at building responsive websites and mobile applications for various platforms. Seeking a challenging role where I can leverage my skills to deliver innovative solutions and drive business growth.

EXPERIENCE

✓ 1Tapbiz

MERN Stack Developer

April 2024 - Working

MERN Stack Developer with hands-on experience in building scalable web applications using MongoDB, Express.js, React.js, and Node.js. Skilled in designing RESTful APIs, managing databases, and creating responsive front-end interfaces. Strong problem-solving ability with a focus on clean, maintainable code and performance optimization. Collaborative team player with experience delivering complete end-to-end solutions. Proficient in Git, version control, and deployment workflows across different environments. Passionate about continuous learning and adopting new technologies to drive innovation. Dedicated to delivering high-quality solutions that enhance user experience and business efficiency.

✓ DENINERTECH SOFTWARE PRIVATE LIMITED

MERN Stack Developer

September 2023 - March 2024

Full-stack MERN Developer experienced in designing and developing modern web applications with MongoDB, Express.js, React.js, and Node.js. Proficient in building secure APIs, integrating databases, and crafting responsive UI components. Adept at debugging, performance tuning, and ensuring scalable solutions. Known for delivering reliable applications that align with business goals. Experienced in version control (Git/GitHub) and deployment on cloud platforms. Committed to writing clean, reusable code and continuously enhancing development practices.

✓ study tube

Full stack developer

2020

Web: <https://englishtube.onrender.com>

Developed a cross-platform learning application with website, mobile, and desktop support using React Native, MERN stack, and Electron. Designed features to deliver free study resources with structured video lessons organized by categories and exam type. Built a scalable backend with Node.js, Express, and MongoDB to manage users, content, and progress tracking. Implemented responsive, interactive UI for a seamless learning experience across devices. Delivered a complete end-to-end solution enabling students to learn, practice, and prepare effectively. Integrated secure authentication with role-based access for personalized user experiences. Added exam-wise performance analytics to track student progress and provide insights. Optimized codebase and deployment workflows to ensure reliability, scalability, and smooth updates. Integrated push notifications and email alerts to improve engagement and retention. Ensured data security and privacy with encrypted storage and secure API communication.

EDUCATION

✓ DBNCOET YAVATMAL

BE MECHANICAL ENGINEERING

2016

8.1 CGPA

✓ SHRE SHIVAJI JUNIOR COLLEGE SAWANA

HSC

2012

50

✓ SHRI SHIWAJI HIGH SCHOOL SAWANA

SSC

2010

72

PUBLICATION

Medium.com/@ajaymude - Experienced Medium.com blogger with a diverse portfolio covering tech, development, and design topics. Strong ability to communicate complex ideas in a clear and engaging manner.

FRONT-END SKILLS

HTML , CSS , Tailwind CSS , Javascript (ES6+), TypeScript, React.js , Redux toolkit, React Router Dom

BACK-END SKILLS

Node.js , Express.js, Microservices

DATABASE SKILLS

MongoDB

FULLSTACK SKILLS

Next.js

MOBILE DEVELOPMENT

React Native (Android, iOS)

DESKTOP DEVELOPMENT

Electron (Windows, macOS, Linux)

REAL-TIME COMMUNICATION

Socket.IO

UI/UX DESIGN

Figma, Wireframing, Prototyping, User Flows, Responsive Design, Accessibility (WCAG) Standards

TESTING

Vitest, Jest

VERSION CONTROL

Git, Github

CLOUD PLATFORMS

AWS EC2, Nginx,

CONTAINERIZATION

Linux, Docker, Kubernetes

CI/CD TOOLS

Jenkins

MONITORING & LOGGING

Prometheus, Grafana

IAC & CONFIGURATION

Terraform

ADDITIONAL EXPERTISE

Data Structures & Algorithms (DSA), System Design, High-Level Design (HLD), Low-Level Design (LLD)

For more projects please visit :<https://ajaymude.github.io/ajaymude/experience>

PROJECTS

✓ STUDY_TUBE_2018_CLIENT

Repo: https://github.com/ajaymude/P21_Studytube2018_Clinet

This frontend repo is built with React.js, following modern standards like component-based architecture, React Router navigation, and state management.

It ensures scalability, responsiveness, and maintainability with clean code, reusable components, and a user-friendly UI.

✓ STUDY_TUBE_2018_SERVER

Repo: https://github.com/ajaymude/P21_Studytube2018_Server

This backend repo is built with Node.js, Express.js, and MongoDB, following all industry standards like modular architecture, JWT authentication, validation, and error handling.

It ensures security, scalability, and maintainability with clean code, reusable components, and production-ready best practices.

✓ STUDY_TUBE_2018_MOBILE_APP

Repo: https://github.com/ajaymude/P21_Studytube2018_Mobile

This mobile app repo is built with React Native, following best practices like modular components, navigation stacks, and API integration.

It ensures performance, scalability, and maintainability with a clean codebase, reusable UI elements, and a smooth crossplatform user experience.

✓ STUDY_TUBE_2018_DESKTOP_APP

Repo: https://github.com/ajaymude/P21_Studytube2018_Desktop

This desktop app repo is built with Electron.js, following best practices like modular architecture, secure IPC communication, and seamless API integration.

It ensures cross-platform compatibility, performance, and maintainability with a clean codebase and reusable components for a smooth desktop experience

✓ STUDY_TUBE_2018_FULLSTACK

Repo: https://github.com/ajaymude/P21_Studytube2018_Fullstack

This fullstack application is built with Next.js, Node.js, Express.js, and MongoDB, following modern standards with SSR/SSG, RESTful APIs, and secure data handling.

It ensures scalability, performance, and maintainability with a clean architecture, reusable components, and production-ready best practices.

For more projects please visit :<https://ajaymude.github.io/ajaymude/projects>

CERTIFICATION

MERN Certificate | Udemy | Instructor : Academind by Maximilian Schwarzmüller

Completed a comprehensive MERN Stack course covering React, Node.js, Express.js, and MongoDB with hands-on project work, including authentication, file uploads, and deployment.

Certificate Link: <https://www.udemy.com/certificate/UC-5b24c95d-7e03-40ca-be33-afde1f45ccde/>

React Native Certificate | Udemy | Instructor : Academind by Maximilian Schwarzmüller

Completed a React Native course focused on building cross-platform mobile apps with React and JavaScript, covering navigation, maps, camera, authentication, backend integration, and app store deployment. cr

Certificate Link: <https://www.udemy.com/certificate/UC-30c6928f-4fa7-49ca-8122-3e9e8485af65/>

Electron Certificate | Udemy | Instructor : Stephen Grider

Completed an Electron.js course on building cross-platform desktop applications with JavaScript, covering UI design, IPC communication, backend integration, packaging, and deployment.

Certificate Link: <https://www.udemy.com/certificate/UC-307ecf7d-f0bd-480c-a7f4-8e4cc649a36a/>

Next.js Certificate | Udemy | Instructor : Brad Traversy

Completed a Next.js Fullstack course covering SSR/SSG, API routes with Node.js & Express, MongoDB integration, authentication, and deployment of production-ready web applications.

Certificate Link: <https://www.udemy.com/certificate/UC-61a839f7-4d14-4674-a3c1-da5aed349a00/>

For more certificate please visit :<https://ajaymude.github.io/ajaymude/certificate>

Signature:



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