Pavankumar Kushnure

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EDUCATION

Shri Guru Gobind Singhji Institute of Engineering and Technology,Nanded   June 2023
Bachelor of Technology in **Computer Science and Engineering**   *CGPA 9.02*

Jawahar Navodaya Vidyalaya Wardha   Sep. 2011 – May 2018
Class XII(PCM) & Class X   *94%*

TECHNICAL SKILLS

Languages: Java , C#, SQL, JavaScript, Typescript, HTML, CSS
Frameworks: ReactJS, NodeJS, ExpressJS, ASP .Net Core, MongoDB, SQL Server, Recoil, Redux, Tailwind
Tools: Git, Microsoft Visual Studio, Microsoft Internet Information Server, Kibana, Swagger,Apache JMeter, Postman

EXPERIENCE

Intern Technologist (ASP .Net Core , C# , SQL Server)   Jan 2023
Kratin LLC   *Nagpur,India*
- Enhanced workforce efficiency by 20% through the implementation of various entity tags based on history of data parsed through a custom parser.
- Successfully built and scaled a robust task management system, handling over 250,000 tasks, 3,000 users, and 100 GB of files and boosted user satisfaction by 60% by introducing task tracking, deadline, prioritization, real-time comments, and file attachment features.
- Improved performance for the top 10 heavily utilized APIs by 29%, optimizing SQL queries and reducing database hits which reduced average response time from 1.7 seconds to 1.2 seconds.

PROJECTS

ShopEasy | Code | *Next.js 13, React, Tailwind, Shadcn UI, Prisma, Planetscale, and MySQL*   Sep 2023
- Developed and deployed a highly scalable admin dashboard utilizing NextJS, Shadcn UI, serving as a centralized CMS, API controller, and administrative tool for 10+ vendors and stores.
- Developed features for creating, updating, and deleting categories, products, and billboards.and Implemented advanced search and filtering options for categories, products, sizes, colors, and billboards with pagination.
- Implemented Clerk Authentication and integrated Stripe for secure user access and seamless payment processing.

ChessArena | Code | *ReactJS , NodeJS , ExpressJS , MongoDB , Redux , Socket.io*   Aug 2023
- Developed a virtual chess game and Implemented essential chess functionalities, including valid move highlighting, game control (play, pause, reset), and the ability to continue any previous game.
- Utilized the chess.js library to handle core chess logic, including move generation, validation, and check/checkmate/ stalemate detection and constructed the chessboard from scratch using custom utility functions based on Forsyth-Edwards Notation (FEN)
- Utilized Redux for state management, tracking game-related variables such as 'isCheck,' 'isCheckMate,' 'turn,' and 'isGameOver,' while establishing real-time communication between clients and the server using Socket.io for event-based interactions.

SnappyChatt | Code | *ReactJS , NodeJS , ExpressJS , MongoDB , Socket.io*   July 2023
- Engineered a real-time messaging and notification system using ReactJS, Node.js, Express.js, and Socket.io, with communication latency of 38ms to 112ms with average of 73ms and ensuring seamless communication.
- Optimized code quality and performance by managing application state using Context API and custom hooks, resulting in a improvement in rendering times and user interface responsiveness.
- Achieved secure user authentication and authorization with JSON Web Tokens (JWT), while simultaneously increasing code efficiency through the creation of reusable components and utility functions.

LINKS AND ACHIEVEMENTS

- linkedin.com/PavanKushnure
- github/pavankushnure
- leetcode.com/Scylla23 , Solved **500+** problems on Leetcode with streak of 200 days.
- geeksforgeeks.com/Scylla23 , Solved **300+** problems on GFG with 1200+ coding score.
- Qualified Graduate Aptitude Test In Engneering **GATE 2023**.