

Vatsal Agarwal

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science

GPA 8.58

May 2024

PROJECTS

PitchPassta | *MERN Stack*

- PitchPassta is a community-driven football forum, enabling users to share their thoughts and opinions on the latest happenings in the world of football.
- Initiated a news section, keeping users updated with the latest football news and events, thus establishing “PitchPassta” as the 1-stop destination for football enthusiasts.
- Project Link

MyKicks | *HTML, TailwindCSS, JavaScript, Vite+ReactJS, React Redux, Stripe API, Node.js, Express*

- Created “MyKicks”, a sleek web application for sneaker enthusiasts, facilitating seamless purchase of trending sneakers.
- Utilized Stripe API for secure transactions, accommodating transactions across 8+ card brands.
- Implemented React Redux to efficiently manage and synchronize states, enhancing application performance.
- Project Link

FitSoul | *HTML, CSS, JavaScript, ReactJS, MediaPipe API (Pose Detection)*

- FitSoul is a personal trainer web application that enables users to monitor their movements during exercises and offers feedback to enhance their form and performance.
- Integrated with a pose detection model, the system seamlessly tracks 3 body landmarks to determine exercise repetitions based on users’ movements.
- Project Link

EXPERIENCE

Software Engineer Intern

Jan 2024 – Present

Anheuser Busch InBev

Bengaluru

- Successfully resolved over 15+ critical issues and change requests across 7 products, ensuring seamless functionality and improved user experience.
- Majorly responsible for two key products, implementing changes that are resulting in approximately 20% cost savings in one of the primary products.
- Designing and implementing a reusable file upload component from scratch, compatible with all organizational products and integrated with advanced virus scanning, enhancing security.
- Developing and maintaining projects using diverse technologies including C#, Flask, and Node.js, demonstrating versatility and adaptability in software development across multiple platforms.
- Efficiently managing CI/CD pipelines, collaborating with stakeholders to streamline deployment processes and ensure timely delivery of updates and new features.

Web Development Intern

Oct 2022 – Dec 2022

Energy Efficiency Services Limited

Remote, New Delhi

- Developed and implemented an end-to-end PMS module for E-begin, the organization’s internal platform, empowering about 530+ employees to efficiently assign, track, and update tasks.
- Played a pivotal role in boosting organizational productivity by introducing real-time updates, task filtering, and data export, while also optimizing workflow and collaboration across 18+ departments.
- Project Link

ADDITIONAL

Technical Skills: C++, ReactJS, Node.js, Azure DevOps, Microsoft Graph, SQL Server Management Studio (SSMS), Python, Flask, Express, HTML, CSS, JavaScript, MySQL, C#, Postman, Git, Visual Studio

Certification: MERN Full Stack Developer, Meta Front-End Developer Specialization

Responsibilities: Social Media Coordinator and Event Manager, Bit-by-Bit Club

Achievements: 2nd Place in Geek Week Local among 650+ students, 2nd place in ArtRun in AdvITYa