

Vatsal Agarwal

✉ vatsalagarwal0904@gmail.com

in vatsal09

📄 vatsal20

</> vatscodez

📁 portfolio

EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science

GPA 8.71

May 2024

EXPERIENCE

Software Engineer Intern

Jan 2024 – Present

Anheuser Busch InBev

Bengaluru

- Resolved over 15+ critical issues and change requests across 7 products, enhancing functionality and user experience significantly.
- Spearheaded changes in two key products, achieving approximately 25% cost savings in one, demonstrating strategic and impactful decision-making.
- Designed and implemented a reusable file upload component with advanced virus scanning, bolstering security and reducing potential threats by 35%.
- Developed and maintained projects using diverse technologies, including C#, Flask, and Node.js, showcasing versatility in software development across projects impacting over 9000 users.

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, enabling 530+ employees to efficiently assign, track, and update tasks.
- Enhanced organizational productivity by introducing real-time updates, task filtering, and data export, optimizing workflow and collaboration across 18+ departments.
- Streamlined communication and task management processes, resulting in a more cohesive and efficient operational environment, decreasing email traffic by 20%.
- <https://github.com/vatsal-agarwal-20/eesl-project>

PROJECTS

PitchPassta | MERN Stack

- Architected PitchPassta, a vibrant community-driven football forum, enabling users to share insights and opinions on the latest football events.
- Launched a comprehensive news section, providing real-time updates on football news and events, establishing PitchPassta as the definitive 1-stop destination for football enthusiasts.
- Team Project: 2 Members
- <https://github.com/vatsal-agarwal-20/PitchPassta>

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

- Engineered MyKicks, a web application for sneaker enthusiasts to purchase trending sneakers.
- Integrated Stripe API to facilitate secure transactions, supporting payments from over 8 card brands.
- Optimized state management and synchronization using React Redux, significantly boosting application performance and user experience.
- <https://mykicks.vercel.app>

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

- Created FitSoul, a personal trainer web application that monitors user movements during exercises and provides feedback for improved form and performance.
- Integrated a pose detection model to track 3 body landmarks, automating exercise repetition counting.
- <https://fitsoul.vercel.app>

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