Arnav Yadav
+91 7774063885 | arnav20604@gmail.com | linkedin.com/in/arnav-yadav-56410329b | github.com/xyzarnav

Education

Vivekanand Education Society's Institute Of Technology (VESIT)	**August 2022 - May 2026**
B.E. in Information Technology, CGPA: 9.04 (Sem-VI)	*Mumbai*
MNR School of Excellence	**June 2020 - May 2022**
HSC, Central Board of Secondary Education, Percentage: 72.6%	*Kamothe, Maharashtra*
Ryewood International School	**March 2010 - July 2020**
ICSE, Indian Certificate of Secondary Education, Percentage: 88%	*Lonavala, Maharashtra*

Experience

Web Developer Intern — Vivekanand Education Society's Institute Of Technology (VESIT)
College Website Team — *Jul 2024 – Present*

- Collaborated in an Agile 5-member team to enhance the college website by adding features, improving UX, and implementing static content updates for departments.
- Improved and deployed responsive web pages using Laravel, JavaScript, and PHP; optimized performance to reduce load time by 30% across mobile and desktop.
- Resolved PHP file upload issues, leading to a **40% increase** in successful submissions; integrated basic CI/CD flow via GitHub Actions for automated deployment.

Technical Skills

Languages:	C++, JavaScript, TypeScript, Solidity, PHP, SQL
Frameworks:	Laravel, React Native, Scaffold-ETH
Tools:	Git, MongoDB, Chrome DevTools
DevOps/Cloud:	AWS, Linux, WebSockets

Projects

TrustChain: Anti-Corruption Blockchain Platform | *Next.js, React, TailwindCSS, Ethereum, Solidity*

- Engineered a **Web3-based platform** for transparent government bidding processes, eliminating corruption through immutable transaction records and smart contracts.
- Implemented automated bid evaluations and secure escrow payments that processed **100+** simulated transactions, ensuring transparent fund allocation.
- Developed real-time project tracking with **whistleblower reporting**, creating an innovative **anti-corruption framework** for traditionally opaque government contracting.

Crypto Arbitrage Bot | *Python, WebSockets, Binance API, TA-Lib*

- Engineered a high-frequency crypto trading bot to exploit price differences across multiple exchanges for arbitrage opportunities, executing over 500 simulated trades.
- Integrated **Binance API** and WebSockets for real-time market data streaming and rapid trade execution, incorporating TA-Lib indicators to analyze market trends and optimize buy/sell strategies.
- Achieved an estimated 10% simulated profit over a one-month test period by leveraging arbitrage windows and refined strategy parameters.

Turf Booking System | *React, MongoDB, TailwindCSS*

- Developed a full-stack turf booking platform with real-time slot reservations, payment integration, wallet, and group cost-splitting.
- Digitized the turf reservation process, resulting in **40% faster bookings** and fewer scheduling conflicts.
- Designed a sleek and mobile-friendly UI using TailwindCSS for seamless user experience across devices.

CampusConnect | *Laravel PHP, FullCalendar.js, JavaScript*

- Built an **interactive portal** with **real-time scheduling** and in-app notifications, streamlining event discovery for over 1000+ college students.
- Incorporated **10+ event categories** and implemented filters that improved user search efficiency by **35%** based on user testing feedback.
- Optimized frontend performance and database queries, leading to smoother user experience across mobile and desktop platforms.