ARYAN ZUTSHI

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Mohali, Punjab, 160071

OBJECTIVE

Blockchain Developer with hands-on experience in building decentralized apps, secure identity systems, and smart contracts. Skilled in Solidity, Rust, and Ethereum, I deliver efficient and scalable blockchain solutions. I also lead Web3 initiatives, mentoring students and organizing blockchain events.

SKILLS

- **Programming Languages:** C/C++ | Python | Javascript |
- **Web Technologies:** React.js | Next.js | Cypress |
- **Database Systems:** SQL | PostgresSQL |
- **Blockchain Technologies:** Solidity | Ethereum | Stellar | Rust | Vyper | EthersJS | Truffle | Hardhat |
- **DevOps & Version Control:** Docker | Git | Github | Gitlab |
- **Specialized Area:** Front-End Development | Blockchain Engineering | Software Engineering |
- **Other Tools & Technologies:** Notion | Trello | Obsidium | Jira |
- **Soft Skills:** Problem Solving | Innovation | Analytical Thinking | Adaptability | Attention to detail |

EXPERIENCE

- **Cloud Counselage Pvt. Ltd. [🌐]** *Apr 2024 - Present*
  Blockchain Developer Mumbai, India
  ◦ Developed a decentralized identity management system, achieving 20% faster authentication processes in blockchain applications.
  ◦ Implemented smart contract automation using Solidity, enhancing transaction security by 30%.
  ◦ Conducted analysis on blockchain token flows, identifying key inefficiencies in gas consumption.
  ◦ Presented findings at the Web3 Conclave, receiving recognition for innovative blockchain security solutions.

- **MetaCrafters [🌐]** *June 2024 - Aug 2024*
  Blockchain Intern Remote
  ◦ Engineered a decentralized token management system, improving token creation efficiency by 25%.
  ◦ Developed a Solidity-based smart contract tool, increasing transaction accuracy by 20%.
  ◦ Implemented a token policy compliance system, reducing contract vulnerabilities by 15%.
  ◦ Conducted stress tests on smart contracts to validate scalability and security under high transaction loads.

EDUCATION

- **Chandigarh University** *Aug 2023 - Present*
  Computer Science Mohali, India
  ◦ GPA: 7.10/10.00

- **Rayat Bahra University** *Aug 2020 - Aug 2023*
  Diploma Mohali, India
  ◦ GPA: 74.9/10

- **St. Xaviers Sr. Sec. School** *Before - Aug 2020*
  Secondary Education Chandigarh, India
  ◦ Grade: 78.4%

PROJECTS

- **VitalVault: VitalVault is a blockchain-based platform for secure storage of health records** *Jul 2024 - Present*
  Tools: Ethereum, Solidity, Truffle Suite, Ethers.js, Ganache [🔗]
  ◦ Developed a blockchain-based health record storage system, achieving 30% improved data security.
  ◦ Implemented an encryption feature, processing and securing sensitive health data with high reliability.
  ◦ Created a user-friendly dashboard for secure access and management of health records.
  ◦ Developed a decentralized access control component for easy integration with existing health systems.

- **Green Arrow: Green Arrow: A Play-to-Earn blockchain game on Stellar** *May 2024*
  Tools: Stellar, Rust, Unity, soroban-sdk [🔗]
  ◦ Developed a Play-to-Earn blockchain game on Layer 2 (Stellar), achieving a 25% increase in transaction efficiency.
  ◦ Implemented a reward distribution feature, processing up to 10,000 transactions per hour.
  ◦ Created a dynamic in-game leaderboard for tracking player achievements and rewards.
  ◦ Developed a Rust-based smart contract component for easy integration with Stellar's blockchain ecosystem.

HONORS AND AWARDS

• **Student of the Year**   *Oct 2023*

Indian Society for Technial Education   [🌐]

  ◦ Recognized as "Student of the Year" for outstanding contributions to hackathons and academic research, reflecting excellence in both practical and theoretical aspects of technology.

  ◦ The award highlighted leadership and innovation, enhancing academic and professional credibility and demonstrating a commitment to advancing technology through research and competitive events.

• **Best Software Award 2024**   *May 2024*

Chandigarh University   [🌐]

  ◦ Awarded "Student of the Year" for having the best project among all second-year students, recognizing exceptional performance and innovation.

  ◦ This prestigious accolade underscored excellence in project work, elevating professional stature and showcasing top-tier skills and dedication in academic pursuits.

• **First Prize**   *Aug 2023*

Soroban Build-A-Thon, RiseIn   [🌐]

  ◦ Won 1st place in the competition with Green Arrow, outshining other projects in innovation and execution.

  ◦ Demonstrated advanced skills in blockchain technology, game design, and smart contract development, showcasing leadership in creating a standout Play-to-Earn game.

LEADERSHIP EXPERIENCE

• **Web3.0 Lead**   *Mar 2024 - Present*

Geek Room   [🌐]

  ◦ Led as the Web3.0 Lead at Geek Room, mentoring over 500 students in blockchain technology and decentralized applications (dApps).

  ◦ Contributed to a 40% increase in student engagement and successful completion of blockchain projects.

• **Core Co-ordinator**   *Sept 2023 - Nov 2023*

PandoraX   [🌐]

  ◦ Served as the core coordinator at PandoraX, a tech community I co-founded, educating members about various tech domains and fostering collaboration.

  ◦ Grew the community to 1,000 active members, significantly enhancing peer learning and engagement in technology.

  ◦ Organized and coordinated major workshops and hackathons like CodeCraft, promoting hands-on learning and innovation within the community.

VOLUNTEER EXPERIENCE

• **Backend and Operations Manager**   *Aug 2024 - Present*

Yuva Bharat   [🌐]

  ◦ Playing a foundational role in establishing Yuva Bharat, a student empowerment initiative, offering support and guidance to students in need.

  ◦ Aiming to build a platform where students can seek help, fostering a culture of collaboration and mutual growth.

  ◦ Leadership, community building, and organizational planning, all focused on creating a student-centric support system.

• **Member**   *Apr 2024 - Present*

JS Punjab   [🌐]

  ◦ Contributed to the JS Punjab community, supporting discussions and knowledge-sharing on JavaScript technologies.

  ◦ Helped foster a collaborative environment for developers to enhance their skills and stay updated on JavaScript advancements.

  ◦ Enhanced JavaScript expertise, community engagement, and networking within the developer community.