Ujjwal Parashar

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EDUCATION

Delhi Technological University	**CGPA: 8.9**
B Tech-Electronics and Communication Engineering	*2023 - 2027*
Gyandeep Vidya Bhawan Sr. Sec. School [12th]	**90.4%**
Gyandeep Vidya Bhawan Sr. Sec. School [10th]	**95.4%**

TECHNICAL SKILLS

Languages: HTML, CSS, Javascript, TypeScript, C, C++, Solidity
Technologies/Frameworks: Nodejs, Reactjs, Bootstrap, Material UI, Nextjs, Expressjs, Tailwind, Threejs , *Websockets*, Dapp, Cryptography, PDAs, Web.js, ethers.js
Databases/Tools: MongoDB, Mongoose, PostgreSQL, Git, Git Hub, Docker, AWS, Azure, Prisma, Vercel, Netlify, Render

EXPERIENCE

ZenX: *Full Stack Engineer* : *Websockets, WebRTC, Kafka , Node.js , Express.js*   **July 2024 - August 2024**
- Building a scalable gym platform with user, gym, and trainer dashboards, enabling location-based gym discovery, **real-time chat**, and **video calls.**
- Engineered a distributed backend system using **Kafka** for asynchronous communication between **microservices**, ensuring efficient task processing and seamless data flow.
- Integrated **PostgreSQL** and **Prisma** for efficient database management and optimized queries.

Focus Desk: Full Stack Developer Intern : *Next.js, React Query, Express, PostgreSQL, AWS Cognito*   **March 2025 – Present**
- Built a full-stack web application using **Next.js** for the frontend with **React Query** for efficient client-server data synchronization.
- Developed a custom backend with **Express** and **Prisma** ORM, facilitating scalable APIs and seamless **PostgreSQL** database integration and implemented **Zod** for schema validation and type-safe form handling, ensuring reliable user input validation across the application.
- Integrated **AWS Cognito** for secure user authentication and managed file storage using **AWS S3**, deploying services on an **EC2 instance**.

PROJECTS

Diachain Warfare| *React threejs, Diamante blockchain,* | *GitHub* Deployed Link
- Developed an immersive game using React and Three.js integrated with the Diamante blockchain for secure and decentralized gameplay.
- Integrated **smart contracts** to facilitate secure in-game transactions and asset ownership.
- Won **first place in the gaming track** of the **Diamante Net Hackathon 2024**.

Crypto Payment Gateway| *Solidity, Web3.js, Express.js, React.js* | *GitHub* Deployed Link
- Developed a **secure and decentralized payment gateway** for processing transactions on the **Ethereum blockchain**.
- Implemented smart contracts in Solidity to handle payments and ensure trustless transactions.
- Integrated **Web3.js** to connect users' wallets and facilitate seamless payments.

Zashion | *React Konva, Websockets, Node.js backend* | *GitHub* Deployed Link
- Developed a **real-time trend tracking and collaborative workspace** for fashion trend discovery.
- Implemented **React Konva** for interactive visualizations, enabling users to create new trending designs.
- Built a WebSocket-based collaboration system, allowing multiple users to work on the same trendboard simultaneously.
- Designed a Node.js backend with MongoDB for storing user data, trend insights, and collaborative updates.

Achievements

- Won **2x hackathons,** including **Diamante Net Hackathon 2024 and LIVE THE CODE 3.0**, gaining expertise in leadership, rapid prototyping, problem-solving, and teamwork.
- Winner of **Techstars Startup Weekend 2025**, recognized for rapid innovation and effective team collaboration.
- Reached the finals in **Stylumia NXT Hackathon 2024** and **BVP Hex (2025),** demonstrating expertise in AI-driven fashion analytics and innovative problem-solving.
- Secured **97.2 percentile** in JEE mains 2023

CERTIFICATES
- Certified in Data Structures & Algorithms (College Wallah) and solved **150+ questions** on LeetCode.
- Completed Full Stack Web Development course with certification from 100xDevs.
- Earned a Prompt Engineering certificate from Skill Nation.