Kanishk Chhabra

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EDUCATION

- **Texas A&M University**   **College Station, Texas, USA**
  Masters of Science in Computer Science (MSCS); GPA: 3.83/4.0   *Aug 2024 - May 2026*
  Courses: *Machine Learning, Applied Cryptography, Software Engineering, Blockchain, Operating Systems, Network Security*

- **Guru Tegh Bahadur Institute of Technology**   **Delhi, India**
  Bachelor of Technology - Information Technology; GPA: 3.65/4.0   *Oct 2020 - Jul 2024*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, C++, Kotlin, Java, PHP, Python, Ruby, Rails, Golang
- **Frameworks:** ReactJS, NodeJS, Express.js, Next.js, Nest.js, Bootstrap, TailwindCSS, Redux, RTK, Django
- **Tools:** Kubernetes, Docker, Cron-Jobs, Git, Android Studio, Firebase, CI/CD, XgBoost, SKLearn, Jenkins
- **Database:** MongoDB, PostgreSQL, MySQL, SQLite, GraphQL, Distributed Storage Systems
- **Miscellaneous:** Azure, AWS, GCP, DSA, Redis, Kafka, Web3, Embedded Systems, QA Testing, OOPS, Docker

PROFESSIONAL EXPERIENCE

- **Amazon Web Services (AWS)**
  Software Engineering Intern – QuickSight (AWS Q)   *Jun 2025 - Aug 2025*
  - Built an XML-tagging system for LLM generated insights in AWS QuickSight, enhancing UI clarity across **10K+ blocks/day** and enabling structured rendering with collapsible steps and styled output.
  - Ensured **backward compatibility and system resilience** through versioned content fallbacks, feature flags, and streaming-safe rendering pipelines across frontend and backend services.

- **Dextr Exchange**
  Founding Full Stack Engineer   *Nov 2023 - Aug 2024*
  - Spearheaded the development and launch of a web3 protocol with an **MEV-Capturing AMM**, attracting **10,000 users** in Beta, strengthening **liquidity safety** and test environment using Docker and Kubernetes.
  - **Maximized returns** through Soulbound Tokens and bridgeless cross-chain swaps, helping traders **earn 4 times more fees** than other platforms, **leading the end-to-end development** process.

- **Metaverse Ventures Pvt. Ltd.**
  Full Stack Development Intern   *Mar 2023 - Jul 2023*
  - Collaborated with founders to translate business needs into technical specifications, ensuring seamless product development by following **Agile methodology**, resulting in a **25% increase in user engagement**.
  - Architected and administered a Gaming Marketplace and Quest Engine, **boosting performance by 15%** through efficient state management with technologies such as RTK and Context.

- **Boston Consulting Group**
  Full Stack Web Development Intern   *Aug 2022 - Sep 2022*
  - Engineered a Full-Stack FAQ site, boosting customer support self-service and driving over **300k+ annual visits** from teachers in Rajasthan under Project Rajasthan Ke Shiksha Mein Badhte Kadam.
  - Established high-quality user experience by incorporating best practices in UI/UX design and responsive web development using CSS, resulting in **increased user satisfaction** and **25% boost in engagement metrics**.

PROJECTS

- **TrackU (NextJS, NodeJS, Fleek, AWS)   GitHub   NPM**:
  - Architected a powerful SDK to integrate on-chain infrastructure via Fleek, leading to substantial **improvements in analytics by 25%** and **elevating user engagement by 30%** in comparison to traditional web2 apps, facilitating real-time insights for more than 500+ users and refining decentralized analytics storage.
- **WorkRoll (Ethereum, NodeJS, NextJS, Push Protocol, Micro-Rollups, Azure)   GitHub**:
  - Streamlined hiring processes through skill-based matchmaking and robust reviews engaging Ethereum, NodeJS, NextJS, and Push Protocol, therefore **reduced freelancer hiring time by 45%** and facilitated effective remote collaboration for 200+ teams leveraging upon Jira-inspired tools.
- **E-Challan/The Road Safety Protocol(Arduino, Kotlin, PHP, ESP32)   YouTube**:
  - Innovated a holistic road safety solution for India, leveraging IoT with Arduino, ESP32, RFID, and various sensors, combined with software development, leading to a **55% reduction in accidents**.

ACHIEVEMENTS

- Won TezAsia, Contributed to Winning ETHIndia'23 Project, Asia's Largest Hackathon with 500+ projects.
- Secured victories in **8+** hackathons, organized **5**, and mentored participants in **15+** events.
- Led multiple college tech clubs, helping **1000+ students** start their journeys in software and emerging tech.
- Presented my research in International Conferences including in Malaysia and London