

Utkarsh Tripathi

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EDUCATION

- **Thapar Institute of Engineering and Technology** Patiala, India
Bachelor of Technology - Computer and Electronics; GPA: 8.6
September 2021 - June 2025
- **City Montessori School** Lucknow, India
Class 12
Percentage - 96.2%

SKILLS

- **Languages:** JavaScript, C++, C, GoLang, Solidity, HTML5, CSS3, GraphQL
- **Libraries:** Node.js, Express, React.js, Web3.js, Next.js, Electron, Tailwind
- **Tools:** GIT, MongoDB, Redis, Github, Docker, TravisCI, Heroku, Kubernetes, Ansible, Terraform, Azure, AWS, Ganache, Figma
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management
- **Learning:** Unity 3D, Golang, Typescript, Microservices

EXPERIENCE

- **Enterprof** Remote
Blockchain Developer (Full-time)
April 2022 - Present
 - **Creating SaaS API's:** Creating metered API's for NFT minting, listing, querying and updating on Polygon blockchain.
 - **Created EIP-721 based Smart Contract:** Created a smart contract in solidity for the platform based on EIP721 guidelines and implemented creator royalty using EIP2981.
 - **Shared Engineering Ideas with Team:** Shared many ideas with the team to incorporate more scalable changes in the platform to make it robust and user-friendly.
- **Microsoft Learn Student Chapter** On-site
Core Member
December 2021 - Present
 - **Contributed in Makeathon 4.0:** Contributed in the flagship hackathon event. Created the main website and another website to generate the event pass. Helped in event management and social media promotions by making Instagram filters related to the event.
 - **Session on React.js:** Took a session on ReactJs in the open-source discord server to help them get upto speed with the framework.
- **Lifesap** Remote
Backend Developer (Part-time)
May 2022 - June 2022
 - **Created Backend:** Created and optimized Firebase cloud functions to serve as a Backend for their mobile app.

PROJECTS

- **BEML Connect:** Created a solution with my teammates in Makeathon4.0 to efficiently and securely transfer data from BEML heavy machines onsite to a secure cloud without internet connectivity onsite location. Created a GUI which can run on Windows/Linux platform or any distribution which runs internally on machines to collect data from sensors. A mobile app to collect this data from machines and securely transfer to the cloud database. This projects got us the Best First Year Hack award. (Nodejs, React Native, Azure Cloud, MongoDB) [LINK](#)
- **YelpCamp:** This web app is used for listing and showing campgrounds. It is a full-stack app created using Node.js with MongoDB as a database. It has full CRUD functionality to create, show, update and delete campgrounds and show them on a cluster map. We can also comment on campground posts. (Nodejs, EJS, Bootstrap, Heroku, MongoDB, Mapbox) [LINK](#)
- **Go Server and Bot:** Created a http-router with Golang and working on a Slack Bot to upload files to a server while learning this new language. (Golang, Slacker) [LINK](#)
- **NotifyMe:** (Work in Progress) Creatin a mobile app to aid passengers travelling by train in night to set alarms for upcoming stations using geofencing. (Flutter, Geofencing)
- **Go-Chain:** (Work in Progress) Creating a PoS(Proof of Stake) Blockchain in Golang along with a CLI to access the program. (Golang, Docker, Kubernetes)

POSITIONS OF RESPONSIBILITY

- **Founder, Thapar Web3 Student Society:** Organized Speaker events to spread the Web3 knowledge in my college community. Gave a session on Hands-On with Solidity to get started with it. [Link to Hands-On session.](#)