

	Arpit Bharti	SOFTWARE ENGINEER — experienced in fullstack development
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Skills		Experience
<div>LANGUAGES</div> <div>typescript, javascript, python, assemblyscript, html, css, c++, sql</div> <div>TECHNOLOGIES</div> <div>reactjs, nextjs, nodejs, nestjs, graphql, urql, webrtc, typeorm, postgresql, express, mongodb, stanza.js, xmpp, gitlab ci/cd, aws, github actions, git, bash, mercurial</div> <div>Education</div> <div>GGSIU</div> <div>B.Tech</div> <div>Information Technology</div> <div>08/16 - 09/20</div> <div>Publications</div> <div>Product Recommendation Platform Based on Natural Language Processing</div>	<div>RAGE TRADE</div> <div>11/21 - now</div> <div>REMOTE</div> <div>FRONTEND DEVELOPER</div> <div>nextjs typescript assemblyscript graphql urql ethersjs</div> <div>— Founding frontend developer responsible for all frontend projects at rage trade, a DEFI protocol for the Arbitrum blockchain.</div> <div>— Built the main trading interface, home page and rage's design system.</div> <div>— The trading interface, when live, will support millions of dollars in volume/day on Arbitrum.</div> <div>— Maintained the rage trade subgraph, to improve data fetching speeds and reduce the number of queries.</div> <div>ANTILLIA</div> <div>11/20 - 11/21</div> <div>REMOTE</div> <div>FULLSTACK DEVELOPER</div> <div>typescript webrtc react nextjs xmpp nestjs postgres</div> <div>— Core developer of two video chat web apps focusing on multi peer video calling(similar to google meet or zoom).</div> <div>— Migrated a user facing application to Next.js to improve SEO and performance.</div> <div>— Built multi client website deployment automation service using gitlab CI and vercel.</div> <div>— Helped in maintaining our backend service and built telemetry services and helped develop admin dashboard website.</div> <div>QUILLHASH</div> <div>06/20 - 10/20</div> <div>REMOTE</div> <div>FULLSTACK DEVELOPER</div> <div>javascript express react mongodb</div> <div>— Primarily worked on the backend, building APIs for zeptagram, a crypto enabled music service. Also helped in maintaining the frontend web app.</div> <div>— Implemented login flow for the frontend web app via various providers with two-factor authentication for users, improving the privacy of the application.</div> <div>MOZILLA</div> <div>06/19 - 09/19</div> <div>REMOTE</div> <div>GOOGLE SUMMER OF CODE INTERN</div> <div>python javascript C++ mercurial</div> <div>— Funded by Google to work for Mozilla and deliver improvements to the Firefox browser. Successfully shipped new features in Firefox 70 to millions of users.</div> <div>— Implemented a service to automate the update of remote-settings resources (public-suffix-list).</div> <div>— Developed a system to automatically fetch and reload the public-suffix-list, allowing users of old Firefox versions to get updates without upgrading to new versions.</div> <div>— Improved the search bar and the cookie storage system.</div> <div>SPLISYS</div> <div>06/18 - 08/18</div> <div>DELHI</div> <div>BLOCKCHAIN RESEARCH INTERN</div> <div>solidity ethereum javascript html css</div> <div>— Developed a proof of concept system for supply chain management platform using the Ethereum blockchain.</div> <div>— Solved problems related to streamlining the process of demurrage claims in the oil shipping industry.</div>	<div>PROJECTS</div> <div>REACT HOOKS LIBRARY</div> <div>A collection of 40+ react hooks and utilities, also built an accompanying documentation website that shows live react demos for all hooks.</div> <div>AD RECOMMENDATION ON YOUTUBE VIDEOS</div> <div>Senior year research project on the topic of ad recommendation on YouTube videos. Analysis of captions to generate product recommendations via keyword ranking algorithms. Analysis and comparison of string similarity measurement algorithms. Published research paper in Springer.</div>