

Raj

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| EDUCATION | Jamia Hamdard University , Delhi, India Jul 2017 – Jul 2021 <ul style="list-style-type: none">B.Tech, Computer Science. CGPA: 9.22/10<ul style="list-style-type: none">Relevant Coursework: Databases, Algorithms, Distributed Computing, Formal Languages & Automata Theory, Compiler Design, Operating System, Computer Networks, Discrete Mathematics. |
| WORK EXPERIENCE | Blockchain Development Community Internet Mar 2024 – Present <ul style="list-style-type: none">Initiator & Lead<ul style="list-style-type: none">A 400+ community to help beginners learn blockchain dev and onboard them into the ecosystem.I do a weekly AMA, and publish resources for building on top of leading protocols & chains in the space. YieldBay/YieldScan Singapore Nov 2021 – Oct 2023 <ul style="list-style-type: none">Head of Engineering/Founding Team<ul style="list-style-type: none">Built a yield aggregator and dashboard to manage portfolio across 159 yield farms, 17 protocols & 9 parachains, tracking \$39M in the Polkadot ecosystem. Led all integrations: list.yieldbay.ioScaled YieldScan, the staking dashboard for Polkadot to 9-figures (USD) in transaction volume. demo: youtu.be/N8V4D2PpuLkPartnered with <i>Mangata Finance</i> and <i>OAK Network</i> to build the first yield autocompounder using XCM. launch announcement; demo: youtu.be/M-K4eHP9Vno BUIDL Labs Delhi, India Jul 2020 – Nov 2021 <ul style="list-style-type: none">CTO, <i>DataStation</i><ul style="list-style-type: none">Reduced information asymmetry in the <i>Filecoin network</i> by simplifying storage provider stats.Developed a transaction history processor, earnings aggregator and future earnings prediction system for Filecoin miners (codebase, devgrant proposal). Wrote a <i>chain indexer</i> to fetch relevant data.Onboarded 100+ storage providers; helped them calculate their earnings and simulate ROI.Blockchain Engineer Researcher<ul style="list-style-type: none">Built a decentralized video streaming API using <i>Livepeer</i> (video transcoding) & Filecoin (p2p storage): file.video. Reduced video streaming costs by 90% and storage costs by 4000x cf. web 2.0 alternatives. MacPorts (Google Summer of Code) Remote May 2019 – Aug 2019 <ul style="list-style-type: none">Student Developer<ul style="list-style-type: none">Ported MacPorts <i>Buildbot</i> (CI/CD) Infrastructure from version 0.8 to 2.x.Developed a custom views <i>plugin</i> for Buildbot that enables writing UI components in modern frameworks like Vue/React.js instead of Angular.js (supported in Buildbot by default).Scaled Buildbot for large instances (to support >25k builds at once): commits. RELEVANT PROJECTS Cherry Pick , Google Summer of Code Playbook <ul style="list-style-type: none">An E-Book to get started with Open source software development and get accepted in GSoC.Sold 70+ copies: rajgoesout.gumroad.com/l/gsoc. ScholarDAO , Democratize Research <ul style="list-style-type: none">Protocol for decentralized, autonomous publishing of scientific research using a peer-review system, reputation system of scientists, and citations indexer.Developed a <i>subgraph</i> to keep track of citations and H-Index of scientists. ACTIVITIES & AWARDS <ul style="list-style-type: none">Superteam - Content Writing Bounty - Wallet Opsec Feb 2024Speaker - Web3Conf India, Goa - “BUIDL Interoperability-first smart contracts with ink!” Aug 2022HackFS - Finalist (top 12 out of 150 teams worldwide), won \$5k Aug 2021Mentor, Google Summer of Code @MacPorts May 2020 – Aug 2020 SKILLS <ul style="list-style-type: none">Languages: Rust, TypeScript, Golang, Python, Solidity, PostgreSQL.Technologies: React/Next/Vue.js, Ethers/Web3.js, GraphQL, MongoDB, Redis, RabbitMQ, Docker.Others: Content Creation, Copywriting, Technical Writing. |

[CV compiled on 2024-03-23]