

PUSHPIT BHARDWAJ

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WORK EXPERIENCE

- Full Stack Blockchain Developer** (*Autify Network: www.autifynetwork.com*) (Feb 2023 - Present)
Developing B2B solutions for the supply chain industry. Leading frontend and carrying out blockchain and backend integrations
- Web3 Technology Lead** (*Musixverse: www.musixverse.com*) (Mar 2022 - Feb 2023)
Engineered robust smart contracts using EIP-2535, built Node.js backend using Parse Server & managed cloud operations on AWS
- Smart Contract Security Auditor** (*ImmuneBytes: www.immunebytes.com*) (Dec 2021 - Mar 2022)
Operated smart contract fuzzing tools like Echidna and Scribble. Also used Next.js, Moralis, MongoDB & Tailwind in development
- Backend and Cloud Operations Engineer** (*Fiteo: www.fiteo.live*) (July 2021 - August 2021)
Administered DevOps & CI/CD using Node, AWS ECS, ECR, S3, SES, Lambda, DynamoDB, Elasticsearch, Stripe and Docker
- Software Developer Intern** (*Yoganta: www.yoganta.in*) (June 2021 - July 2021)
Architected a full-stack solution using MERN stack & Firebase to build a PWA. Also worked with Gatsby and Material UI
- OSINT Intern** (*Inferno Infosec: www.infernoinfosec.in*) (June 2021 - July 2021)
Collected & analysed data from the *Daily Discussions* thread on Reddit subdomain */r/wallstreetbets* to study stock market sentiment
- Web Development Intern** (*The Sparks Foundation: www.thesparksfoundationsingapore.org*) (May 2021 - June 2021)
Worked in the CI/CD: Cloud Computing department. Deployed applications to AWS and also used Docker & Kubernetes for scaling
- Full Stack Developer and DevOps Engineer** (*MrktDB: www.mrktdb.com*) (June 2020 - April 2021)
Managed the production version of the app on AWS Elastic Beanstalk & set up cronjobs. Worked with Django, React.js, MongoDB

HACKATHONS & OPEN SOURCE CONTRIBUTIONS

- **Winner: SheBuilds Hackathon, FVM Space Warp, Tech Rush Hackathon**
 - **Winner: ETHIndia 2022 Hackathon** (StackOS Track)
 - **Winner: Moralis x Filecoin 1, 2, Web3! Hackathon** (Polygon Track)
 - **Polygon BUIDL IT 2021 Winner (India's biggest Web3 Hackathon):** NFT & Gaming Track, IPFS & Filecoin Track
 - **Winner: hackCBS 4.0- India's largest student-run Hackathon**
- Open Source Developer** (*GirlScript Summer of Code: gssoc.girlscript.tech*) Python, JavaScript, C++ (March 2021 - May 2021)
- Open Source Developer** (*AboutCode: nxb.com*) (Feb 2021 - Jun 2021)
Wrote Python importers to collect vulnerability data and fixed existing issues. Created the vulnerability view in *VulnerableCode*

PROJECTS & PUBLICATIONS

- **Idea2Business** (*idea2business.xyz*): Providing a personalized guide to accelerate the growth of your idea using GPT-3
- **PrivacyChecker:** A Chrome extension that summarizes suspicious points in a website's privacy and cookie policies
- **AlertBytes** (*www.alertbytes.app*): Monitor wallets/smart contracts by getting instant notifications on email/telegram
- **HashPuppies:** An NFT marketplace for crypto puppies built on the Ethereum network
- **BeatShare:** A platform to collaboratively listen music with friends. Leverages the Spotify API using Django, React.js
- **PolyHarmony** (*polyharmony.in*): An app that makes figuring out chords for a melody easier & timesaving for musicians
- **Publication:** Ethereum Data Analytics: Exploring the Ethereum Blockchain
- **Publication:** A Comprehensive Survey on Covid-19 Prediction Models

FORMAL EDUCATION

UNIVERSITY OF DELHI (SSCBS) Bachelor of Science Honours in Computer Science, (9.37/10) New Delhi, India | 2019-2022

GOETHE INSTITUT INDIEN German Intensivkurs Level – B2 New Delhi, India | 2021

AISSCE (Class XII) Computer Science, Math, Physics, Chemistry, English: 95.4% Dwarahat, India | 2019

AISSE (Class X) Science/ Maths, 10 CGPA Dwarahat, India | 2017

FURTHER EDUCATION

Computer Science for Web Programming (Harvard University, edX 'Professional Certificate') 2021 (6 month program)

Data Structures and Algorithms (GeeksforGeeks) 2021 (6 month course)

Blockchain Specialization (University at Buffalo, Coursera 'Specialization') 2021 (4 month specialization)

Responsive Website Development Specialization (University of London, six course Coursera 'Specialization') 2020 (7 months)

AWS Specialization (Amazon Web Services, four course Coursera 'Specialization') 2020 (5 months)

LEADERSHIP, AWARDS & SKILLS

- **Polygon Advocate, Binance Campus BUIDLer, Microsoft Student Ambassador, Postman Student Expert**
- **Mentor:** GirlScript Summer of Code, Script Winter of Code, GirlScript Winter of Contributing, Hack the North, hackCBS
- **Advisory Committee Member at:** The Darkroom (*the Visual Arts society of SSCBS*), Communiqué (*the Public Relations Cell of SSCBS*), DUMUN (*the Model United Nations society of University of Delhi*)
- **Computer Skills:** Next.js, Django, React.js, JavaScript, TypeScript, Python, Solidity, Hardhat, Truffle, Node, C++, Docker, AWS, C, Gatsby, Bootstrap, Sass, SQL, MongoDB, Cloud Databases, R, Firebase, Elasticsearch, Moralis
- **Other Interests:** Photography, Video Editing, Hiking, Badminton, Football, Table Tennis, Reading Non-fiction