

PUSHPIT BHARDWAJ

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WORK EXPERIENCE

- Web3 Technology Lead** (*Musixverse: www.musixverse.com*) (Mar 2022 - Present)
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** (*Fitteo: www.fitteo.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: 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*) (March 2021 - May 2021)
Contributed to projects under the Algo Phantoms organization & TesseractCoding. Primarily worked on Python, JavaScript, C++
- 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

- **Project2Product** (*project2product.xyz*): Transforming side-projects and hackathon-projects into profitable products. Just enter a project name & description, and Project2Product will help you turn it into a successful venture using GPT-3
- **AlertBytes** (*www.alertbytes.app*): Monitoring wallets/smart contracts made easier by providing instant notifications on email/telegram anytime your wallet/smart contract triggers an event and funds are transferred
- **HashPuppies**: An NFT marketplace for crypto puppies built on the Ethereum network
- **BeatShare** (*www.beatshare.in*): A platform to collaboratively listen music with friends/family. Leverages the Spotify API for functioning. The tech stack used includes Django, Python, React.js, Material UI
- **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