PUSHPIT BHARDWAJ

St. Petersburger Straße 25, Zi. Nr. 0215, Dresden 01069 | +49 17647661972 | pushpit07@gmail.com
GitHub: www.github.com/Pushpit07 | LinkedIn: www.linkedin.com/in/pushpit-bhardwaj | Portfolio: https://pushpit.xyz

EDUCATION

TECHNISCHE UNIVERSITÄT DRESDEN Master of Science in Distributed Systems Engineering **Germany | 2023-Present**
UNIVERSITY OF DELHI (SSCBS) Bachelor of Science Honours in Computer Science, (9.37/10) **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**

WORK EXPERIENCE

Research Assistant *(Technische Universität Dresden: www.tu-dresden.de/ing/informatik/sya/netd)* **(Feb 2024 - Present)**
Building a distributed transaction processing & monitoring system in Java using the SAGA pattern. Used MQTT, K8s, gRPC, etc.

Full Stack Developer *(Autify Network: www.autifynetwork.com)* **(Feb 2023 - Oct 2023)**
Developed B2B solutions for the supply chain industry. Lead frontend and carried 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 *(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: SheBuilds Hackathon, FVM Space Warp, Tech Rush Hackathon, ETHIndia 2022 Hackathon** (StackOS Track), **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: nexb.com)* **(Feb 2021 - Jun 2021)**
Wrote Python importers to collect vulnerability data and fixed existing issues. Created the vulnerability view in *VulnerableCode*

PROJECTS & PUBLICATIONS

- **Slick** *(slick.is)***:** Convert Videos to Viral Shorts in Minutes. Developed using Node.js, Next.js, Remotion, WhisperX
- **SuperSend** *(supersend.io)***:** Automate Cold Outreach across Email, Linkedin & Twitter. Developed using Node/Next.js
- **EverythingAI** *(everythingai.club)***:** Discover AI tools that fit like a glove. Built using Next.js/Node.js
- **Social3** *(social3.club)***:** A comprehensive platform for exploring jobs in Web3 and securing rapid employment!
- **Idea2Business** *(idea2business.xyz)***:** Providing a personalized guide to accelerate the growth of your idea
- **Publications:** Ethereum Data Analytics: Exploring the Ethereum Blockchain
- **Publication:** A Comprehensive Survey on Covid-19 Prediction Models

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

- **Chainlink Developer Expert, Polygon Advocate, Binance Campus BUIDLer, Microsoft Student Ambassador**
- Member at **AEGEE Dresden** (A student community for skill development, and borderless friendship)
- **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)* (2020-2022)
- **Computer Skills:** Next.js, GoLang, Django, React.js, JavaScript, TypeScript, Python, Solidity, Hardhat, Truffle, Node, C++, Docker, Kubernetes, AWS, C, Bootstrap, Sass, SQL, MongoDB, Cloud Databases, R, Elasticsearch, Java
- **Other Interests:** Photography, Video Editing, Hiking, Badminton, Football, Table Tennis, Reading Non-fiction