PUSHPIT BHARDWAJ

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FORMAL EDUCATION

UNIVERSITY OF DELHI (Shaheed Sukhdev College of Business Studies)   **New Delhi, India**
Bachelor of Science Honors in Computer Science, (8.98/10)   **2019-2022**
GOETHE INSTITUT INDIEN   **New Delhi, India**
German Intensivkurs Level – B2.2   **Pursuing**
ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION (Class XII)   **Dwarahat, India**
Computer Science, Math, Physics, Chemistry, English: 95.4%   **2019**
ALL INDIA SECONDARY SCHOOL EXAMINATION (Class X)   **Dwarahat, India**
Science/ Maths, 10 CGPA   **2017**

FURTHER EDUCATION

Computer Science for Web Programming (Harvard University, edX 'Professional Certificate')   **2021 (6 month program)**
Two course program covering Python, SQL, Git, Django, JavaScript, React JS, Testing, CI/CD, Scalability, and Security.

Data Structures and Algorithms (GeeksforGeeks)   **2021 (6 month course)**
Mastered data structures and algorithms ranging from bit magic & hashing to complex greedy & dynamic programming concepts.

Blockchain Specialization (University at Buffalo, Coursera 'Specialization')   **2021 (4 month specialization)**
Four course specialization covering smart contracts, cryptography, solidity, truffle, ipfs, and decentralized applications.

DeepLearning.AI TensorFlow Developer Specialization (Coursera 'Specialization')   **2020 (4 month specialization)**
Four course specialization covering neural networks using TensorFlow, NLP, convolutions, sequences, time series and prediction.

Computer Science for Artificial Intelligence (Harvard University, two course edX 'Professional Certificate')   **2020 (4 months)**

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)**

WORK EXPERIENCE & OPEN SOURCE CONTRIBUTIONS

Software Developer Intern *(Yoganta: theyoganta.com)*   **(June 2021 - July 2021)**
Worked primarily on the MERN Stack to build a progressive web app and with other technologies such as Gatsby and Material UI.

OSINT Intern *(Inferno Infosec: 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: 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: mrktdb.com)*   **(June 2020 - April 2021)**
Managed the production version of the app on AWS Elastic Beanstalk & set up cron-jobs. Worked with Django, ReactJS, MongoDB

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: nexb.com)*   **(Feb 2021 - Present)**
Wrote Python importers to collect vulnerability data and fixed existing issues. Created the vulnerability view in *VulnerableCode*.

PROJECTS

HashPuppies *(hashpuppies.in)***:** A web3 NFT marketplace for crypto puppies built on the Ethereum network.
BeatShare *(beatshare.in)***:** A platform to collaboratively listen music with friends/family. Leverages the Spotify API for functioning.
PolyHarmony *(polyharmony.in)***:** An app that makes figuring out chords for a melody easier & less time consuming for musicians.
ReClothe *(reclothe.webflow.io)***:** A cloth donation website leveraging NLP and speech-to-text conversion to make the process easier.
FineArts: A decentralised web-app where creators can get value for their content. Users remain anonymous, only content matters.
Auctions: An e-commerce website that allows users to post auction-listings, place bids, comment, and add listings to a watchlist.
Traffic: Traffic Sign Classification in photographs using a deep convolutional neural network (in TensorFlow) with GTSRB dataset.

LEADERSHIP, AWARDS & SKILLS

- **Core Committee Member at:** The Darkroom *(the Photography society of SSCBS),* Financial Management Association *(FMA chapter of University of Delhi),* Communiqué *(the Public Relations Cell of SSCBS)*, DUMUN *(the Model United Nations society of University of Delhi)*. Also, Community member at *Facebook Developer Circle, Delhi-NCR.*
- *Scored 800/800***:** SAT Math Level-2 and Physics subject tests: International level (2018), *District level: Silver Medals* in Badminton, Football and Table Tennis (2017 & 2019), *State Level Games:* Badminton & Table Tennis (2018), *SSGK Entrance Test and Interview*- Qualified (2015), *International Rank 102:* SOF Science Olympiad (2013), Taekwondo Blue-I
- **Computer Skills:** Django, ReactJS, JavaScript, Python, Solidity, Truffle, ipfs, Ganache, TypeScript, Node, TensorFlow, C++, Docker, AWS, C, Gatsby, Bootstrap, HTML, CSS, Sass, SQL, MongoDB, Cloud Databases, R.
- **Other Interests:** Photography, Video Editing, Hiking, Badminton, Football, Table Tennis, Reading Non-fiction.