BHAVIN JAWADE

122 Heath Street • Buffalo, NY, 14214 • +91 9630494120 • bhavinjawade@gmail.com
LinkedIn- www.linkedin.com/in/bhavinjawade • **Website-** www.bhavinjawade.me

---

EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK
Master of Science in **Computer Science and Engineering**   expected February 2022
GRE Score- 324, TOEFL Score- 109

SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE
Bachelors of Engineering (B.E.) in Information Technology   June 2019
CGPA 7.75/10, Graduated First Class with Honors

EXPERIENCE

Persistent Systems   Pune, India
Software Engineer   July 2019 – Dec 2019
- Worked as Full-Stack Developer in Banking, Finance and Insurance Domain (BFSI).
- Built Entity extraction OCR ML application for various Banks to easily analyze POS invoices.
- Built Invoice Management Application for a Supply Chain Financing Firm to automate supplier-distributor financing process.
- **Technologies:** Java, Spring, Microservices, Angular 8, React, Python, SQL, DevOps (Jenkins).

Preflet AI - Portugal   Remote
Freelance Machine Learning Engineer   Jan 2019 – Sept 2019
- Designed and Implemented end-to-end machine learning pipeline for Preflet AI application
- Implemented data connectors and Visualizers for Large Scale Datasets using Dask and Spark.
- **Technologies:** Python, Dask, TensorFlow, PySpark, Pandas, Numpy, Scikit-learn, Matplotlib, ElectronJS, Angular 8.

Prof. Rupesh Nasre - IIT Madras, Department of Computer Science   Remote
Remote Research Intern (DAG update algorithm)   May 2019
- Built an efficient algorithm to compute time to process updates on DAGs for hierarchical task scheduling.
- Algorithm computed the result for a million node DAG and thousands of updates within seconds (near linear $\sim O(n)$).
- **Technologies**: Python, Cython, C++, Algorithms and Data Structures

Centre for Innovation Design and Incubation (C.I.D.I.)   Indore, India
Project Lead - E-logbook: Smart City Project Indore (Dr. P.K. Chande and Dr. Apoorv Gaiwaik)   April 2018 – Dec 2018
- Built an Intelligent Vehicle Tracking system to monitor vehicles using your smart phones and provide analytics.
- Implemented the complete architecture of the systems with analytics engine, client tracker and Admin Panel.
- Designed an In-Device Geofencing algorithm to maintain the location privacy of government vehicles; wrote research paper on this algorithm (Low Computation In-device using hierarchy-based searching for offline usage).
- **Technologies**: Python, Django, JavaScript, Angular 8, TensorFlow, Google Maps API.

Vatsana (Wittyfeed)   Indore, India
Full Stack Developer Intern (Worked under CTO Mr. Shashank Vaishnav)   June 2017
- Worked as a Full stack developer on Wittyfeed 3.0 and InnerVoice CMS
- Built complete CMS using CodeIgniter framework (MVC and HMVC).
- **Technologies:** PHP, Laravel, Bootstrap, Materialize CSS, JavaScript, SCSS, jQuery and TypeScript (Angular 4)

RESEARCH PAPER

Low Computation In-device Geofencing Algorithm Using Hierarchy-Based Searching for Offline Usage   Nov 2018
Publication: Accepted for publication in IEEE Xplore
Conference: ICICT 2018 (International Conference on Inventive Computation Technologies.
Paper accepted by multiple IEEE conferences.

ACADEMIC PROJECTS

Now You See Me - The Blind Project   Sept 2019 – Jan 2020
Built an android app for providing full contextual analysis of the surrounding in the form of voice feed to a visually
impaired person. 'Now You See Me' uses a self-designed computer vision architecture built over TensorFlow, OpenCV
and Microsoft Cognitive Services. **Project video:** bit.do/nysmvideo.

PollStock - Social Networking Website   Nov 2017 – Feb 2018
Built a social networking website for polls. Fully responsive, ready for phones also. Users create polls, vote on them, and
get a graphical evaluation of their polls.

Other Projects: www.github.com/bhavinjawade

SKILLS

Programming Languages: Python, PHP, Java, JavaScript, C++, C, SQL, HTML, CSS, R
Frameworks and Libraries: Angular 8, React, jQuery, TensorFlow, Pytorch, PHP Laravel, PHP CodeIgniter, Pandas, Dask,
                    Numpy, OpenCV, Bootstrap, React-360, Java Spring
Databases: SQL Server, MySQL, MongoDB, Redis
Software Tools: MATLAB, Visual Studio, Android Studio, Photoshop, Jupyter Notebook

ACHIEVEMENTS

- Represented India at Microsoft Student Partners Asia Summit at Taipei, Taiwan
- Awarded for my project eLogbook by Hon' Minister of State (Higher Education) Mr. Deepak Joshi • Grand Finalist
  Smart India Hackathon.
- World rank 26 (out of 1667) in Code Gym Hackathon on Talent.social.
- One of the winners of Wittyhacks Hackathon 2018.
- ACM ICPC (International Collegiate Programming Competition) Gwalior Regionals, Represented Institute at ACM ICPC
  2017 IIITM Gwalior. (Team alpha_001).
- Awarded tech speaker at NIT Bhopal and Medicap's University Indore
- Balvigyan: Best Innovative idea and project
- School Topper 12th Standard 2015. (S.T. Paul H.S. School)

POSITIONS OF RESPONSIBILITY AND LEADERSHIP

Represented Microsoft India at Taiwan (Taipei)
I was invited to represented India at Microsoft Asia MSP Summit 2018 held at Taiwan. All my expenses were funded by
Microsoft.
Co-Lead | Facebook Developer Circle Indore
Conducted sessions and **tech talks** on React JS, React Native and React 360 in Facebook developer circle meet ups.
Founder and Secretary | Hash include – Programming Club S.G.S.I.T.S.
Started the techno learning and programming club of college; Organized various learning sessions including the biggest
hackathon of central India (Hack Indore).
Head | Entrepreneurship Cell SGSITS
Head of Design at ECELL SGSITS for the session 2017-2018