Bhavin Jawade
Shri G.S. Institute of technology and Science, Indore (SGSITS)
Department of Information Technology
**Email ID:** bhavinjawade@gmail.com
**Website:** www.bhavinjawade.me

Bachelor of Engineering (B.E.)
Male
DoB: 29/12/1997
**Mobile #:** +91 9630494120
**LinkedIn:** linkedin.com/in/bhavinjawade

## Academic Records

| Degree / Certificate | University/ Board | Institute / School | Year of Passing | CGPA / Percentage |
| --- | --- | --- | --- | --- |
| Aggregate B.E. | R.G.P.V. Bhopal | S.G.S.I.T.S. Indore | 2019 | 8.17 CPI \| 7.8 CGPA |
| 8th Semester B.E. | R.G.P.V. Bhopal | S.G.S.I.T.S. Indore | 2019 | 8.82 SGPA |
| 12th Standard | CBSE | S.T. Paul H.S School, Indore | 2015 | 91% |
| 10th Standard | CBSE | S.T. Paul H.S School, Indore | 2013 | 9.40 CGPA |

## Scholastic 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.
- Udacity Facebook Scholar: Secure and Private AI Scholarship
- 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 Medicaps University Indore
- Balvigyan: Best Innovative idea and project
- School Topper 12th Standard 2015. (S.T. Paul H.S. School)

## Research Paper

**Low Computation In-device using hierarchy-based searching for offline usage**      November 2018
**Publication:** Accepted for publication in IEEE Xplore
**Conference:** ICICT 2018 (International Conference on Inventive Computation Technologies
My paper was accepted by multiple IEEE conferences I finally presented it at ICICT conference

## Work Experience and Internships

**DAG update algorithm | IIT Madras Internship -**      May 2019
**Prof. Rupesh Nasre, Department of Computer Science, IITM**

- Worked as an algorithms intern under Prof. Rupesh Nasre. I was responsible to create an efficient algorithm that could compute the time required to process updates on DAGs.
- My algorithm computed the result (total time) of updates for a DAG with millions of nodes and thousands of updates within seconds.

**E-logbook: Smart City Project Indore – Project Lead**      April 2018
**Dr. P.K. Chande and Dr. Apoorv Gaiwaik CIDI (Center for Innovation and Design Incubation)**

- Elogbook is an Intelligent Vehicle Tracking product that monitors your vehicle using your smart phone and keeps track of your travel. It provides you with analytics and helps predict defaulters in the system. I also **Wrote a Research paper on In-Device Geofencing, during this project.**
- eLogbook Project has received great appreciation in and around our city and has got coverage in renowned newspapers several times.

**Vatsana (Wittyfeed) - Full Stack Developer Intern**      June 2017
**Worked directly under supervision of Mr. Shashank Vaishnav (CTO Wittyfeed)**

- Worked as a Full stack developer on Wittyfeed 3.0 and InnerVoice CMS.
- Worked on CodeIgniter framework (MVC and HMVC). And worked on Google APIs and Graph API.
- On the Frontend side, I worked on Bootstrap, Materialize CSS, JavaScript, SCSS, jQuery and TypeScript.

## Technical Projects

**Now You See Me - The Blind Project:**

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

**Freelance: Data Engineer and Application Developer - PrefletAI:**

- Worked as a freelance developer to built product for a Portuguese startup Preflet. I worked part-time remotely along with my undergraduate degree. Built Product Website: https://www.preflet.com

**Freelance: Laravel API - A product for Walkover Company:**
- Built Laravel based API for MySQL database for Walkover Web Solutions https://www.walkover.in Indore. This was another freelance project I did part-time during my undergraduate degree. Worked on Laravel 5.8, Dingo API, Spatie, Artisan, Eloquent, Postman, etc.

**Full-feature web - based Image Editor for Wittyfeed:**
- Currently being used at Wittyfeed. Developed during a 36-hour hackathon (Wittyhacks).

**Mainou's Recipe Lab - Made for World Code Gym Hackathon:**
- Got world rank 26 (out of 1667) in Code Gym Hackathon for this project. (Talent.social)**.** Web App built over reactJS for managing recipes. Realtime search functionalities with PWA like responsiveness.

**PollStock - Social Networking Website:**
- PollStock is 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.

**Web CMS for Wittyfeed's InnerVoice:**
Made a complete CMS (Content management system) for Wittyfeed India, InnerVoice Platform. Developed everything from frontend to backend solely. This system has advanced functionalities like Creating a Quote Image on web Directly (Using Canvas). Deployed the application on AWS EC2 and storage over S3 bucket.

**Other Projects and Open Source Contributions** - GitHub: www.github.com/bhavinjawade.

### Platforms Worked

| | |
|---|---|
| **Operating Systems** | Windows, Linux, Mac OS X. |
| **Programming Skills and Frameworks** | Python, C, C++, Java, JSP, R, MATLAB, PHP, JavaScript, HTML\|CSS, SQL, MongoDB, Python: Pandas, Dask, TensorFlow, OpenCV, Pytorch, PHP: Laravel, CodeIgniter |
| **Web Designing** | JSP, XML, TypeScript, ECMAScript, React-Js and React-360, JS, JSON, RESTFULL APIs, Angular JS, Materialize framework, Bootstrap, A-Frame. |
| **Software Skills** | MATLAB, Photoshop, MS Office, Visual Studio, Android Studio, NetBeans. |

### Key Courses Undertaken

| Core | Breath | Advanced Courses |
|---|---|---|
| Object Oriented Programming | Web Technologies | Data Mining and Warehousing |
| DBMS | Computer Organisation | Cloud Computing |
| Computer Networks | Digital Systems | Artificial Intelligence |
| Algorithm design and analysis | Computer Architecture | Machine Learning |
| Data Structure | Operating System | Big Data Analytics (B.D.A) |

### Positions of Responsibility and Extracurricular Activities

**Co-Lead | Facebook Developer Circle Indore**
I am the Co-lead of Facebook developer Circle Indore. I have conducted sessions 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.**
I started the techno learning and programming club of college. We organized various learning sessions including the biggest hackathon of central India (Hack Indore).

**Official Author | Towards Data Science Medium**
I am one of the official authors of towards Data science publication on Medium.

**Microsoft Student Partner**
I am the MSP of SGSITS. I organize sessions to spread knowledge of Microsoft technologies like Azure, Universal Windows Platform, Visual Studio, Q# etc.

**Head | Entrepreneurship Cell SGSITS**
Head of Design at ECELL SGSITS for the session 2017-2018. As

**Campus Ambassador | IIM INDORE, i5 Summit**
I5 summit is an international Entrepreneurship summit organized at IIM Indore. I was the representative from SGSITS at IIM Indore for i5 Summit.

**Represented Microsoft India, at Taiwan (Taipei)** In June 2018, I was invited to represented India at Microsoft Asia MSP Summit 2018 held at Taiwan. All my expenses were funded by Microsoft.