Aryan Alpesh Bhavsar
Computer Science & Engineering
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Ph.D.
Male

I am a Ph.D. student in Computer Science & Engineering, at IIT Indore, looking for hands-on work opportunities to enhance my skills and gain practical experience. I am ambitious and eager to learn the required skill set and knowledge.

EDUCATION

Examination	University	Institute	Year	CPI/%
Doctor of Philosophy	IIT Indore	IIT Indore	2024-Present	NA
Graduation	GTU	GIT Gandhinagar	2020-2024	8.09
Intermediate/+2	HSC	SGVP School	2018-2020	85.80
Matriculation	SSC	SGVP School	2017-2018	80.33

WORK EXPERIENCE & INTERNSHIPS

- **Software Engineer Intern** | *Jenex Technovation Private Limited* (01/2024 - 06/2024)
  - Made UI designs for "GLPS" mobile application & "TMG" web app
  - Developed 40% frontend of "GLPS" web app using Angular Framework
  - Made backend using NodeJS & Express to process images and data in the Mongo Database using multer
  - Added token-based middleware for authentication & authorization, before calling of API, for 3 user-based roles
  - Added email sending functionality upon registration in "GLPS" with OTP based forget password option
  - Built 75 % of "GLPS" cross-platform mobile application in Flutter, with functionalities such as authentication & role-based authorization, validation session from shared preferences, forms input & client-side validation, parsing & uploading images, and integrating frontend with the backend
  - Added routing & state management in "GLPS" mobile application, with GetX Flutter Library
  - Used Android Core libraries such as Bluetooth for connecting with the hardware component
  - Redesigned part of "TMG" web app and debugged its APIs

COURSE PROJECTS

- **ChatINC**
  - A web-based real-time chat application, made with MERN stack and tailwind CSS.
  - This project uses socket io, to provide the realtime messaging functionality to users.
  - Users are authenticated with a token-based middleware and cookies are used to save login information.

- **GAMEHUB**
  - A game displaying, responsive website with infinite scrolling, made with React + Typescript & Chakra UI.
  - Game cards can be sorted and searched based on platforms, genres and more.
  - React query is used to fetch data from rawg API, and caching is implemented to prevent recurring requests.
  - React router is used to navigate the web app and handle errors.

- **FINARTZ**,
  - A fully responsive blogging website, for the finance domain, made with HTML, CSS, JS, mySQL & PHP.
  - Client-side server-side validation done for form input data.
  - PHP session management for normal user & admin privilege user.
  - CRUD operation on mySQL database.

TECHNICAL SKILLS

- **Programming & Scripting Languages**: Java, Javascript, Python, Dart, Typescript
- **Frontend Technology**: ReactJS, Angular Framework, Flutter
- **Backend Technology**: NodeJS, ExpressJS, MongoDB, PHP, SQL
- **Language Known:** English, French & Hindi

POR & ACHIEVEMENTS

- **Teaching Assistant** for the course, **CS306 : Computer Network**, supervised the labs for the course. *(01/2025- Present)*
- **AIR 2308** in **GATE CSE 2024** exam- *Marks: 51.09, Score: 606* *(02/2024)*
- **NPTEL certification** in **Python for Data Science**- 76% *(07/2022 - 08/2022)*
- **NPTEL certification** in **Joy of Computing With Python**- 83% *(07/2021 - 10/2021)*

CONTACT INFORMATION

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- **Portfolio:** `https://aryag16.github.io/`