# Piyush Yadav

Bhopal, Madhya Pradesh, India, 462008

→ +91 8827413831 → piyushyadav0191@gmail.com in linkedin.com/in/piyushyadav0191 → Portfolio

#### Education

### Barkatullah University Institute of Technology [BUIT]

Bachelor of Technology in Information Technology

Nov. 2020 – May 2024 Bhopal, Madhya Pradesh

Dachelor of Technology in Information Technology

## Experience

One Oath July 2023 – Present

Full Stack Developer Intern

West Bengal, India (Remote)

- Spearheaded the development of microservices and user interface components to enhance a client's personality development system.
- Developed a CI/CD workflow to automatically perform a set of actions daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Collaborated closely with the AI core team to strategically integrate Python backend components, ensuring the seamless
  operation of critical system functions.

#### AAA Intergalactic – Infrastructure

April 2023 – July 2023

Web Developer

Cameroon, Africa (Remote)

- Orchestrated the creation of static websites for clients, accompanied by the development of microservices for seamless website operation.
- Played a key role in shaping architecture plans, UI designs, and feature development, making critical decisions to drive project success.

## **Projects**

QuesGen Pro | Nextjs, Typescript, Nodejs, Prisma, Docker, PostgreSQL, OpenAI, Google developer Console

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- Designed to facilitate the taking of tests, whether they are multiple-choice (MCQ) or open-ended questions, with the assistance of AI.
- Utilized OpenAI to dynamically generate questions, enhancing test variety and engagement.
- Incorporated robust statistical analysis tools to provide users with detailed performance insights and contributed to data-driven decision-making and ongoing platform optimization

Whatsapp Clone | Reactjs, Tailwind, Redux, WebRTC, Nodejs, Express, MongoDB

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- Developed a WhatsApp clone using MERN stack, enabling real-time individual and group chats.
- Integrated WebRTC for high-quality video calling within the application, enhancing communication options.

DWTC CLI | Golang

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- Designed and developed DWTC (Daily Work Tracker CLI) using Golang, offering a cross-platform solution compatible with Windows, Linux, and macOS.
- Empowered users to efficiently track and manage their daily tasks and activities through a command-line interface.

## Technical Skills

Programming Languages:: Javascript/ Typescript, Java, Python, Golang, SQL

Web Development Technologies:: HTML, Css, Reactjs/Nextjs, Nodejs

Backend Technologies: : GraphQL, Nodejs, Express

Full Stack Technologies: : MERN, Nextjs+ Prisma + PSQL, T3 Stack, MERN+GraphQL

**App Development Technologies:** : React Native, Firebase, Nodejs **Developer Tools:** : Redux/Zustand, Git, Docker, Tailwind css/ MUI

#### Extracurricular

- Developed a SaaS application for Lama Dev, a prominent YouTuber in the web development community, to enhance their contributions to the web development world.
- Contributed to an open-source project by creating a pull request for one of the REST APIs within the Postman Labs GitHub repository.
- Achieved a ranking of AIR 44 in Codekaze 2023, earning an internship offer and the opportunity to collaborate with the Coding Ninja team and community.
- Organized and led a workshop for a group of 7 students, teaching them SaaS-based backend technology with live project demonstrations.
- Regularly share technical knowledge through blog posts on various topics. You can find my articles on M.