

# Piyush Patil

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## EDUCATION

<b>BTech, Artificial Intelligence &amp; Data Science</b>	2021-2024
Vishwakarma Institute of Information Technology, Pune	8.9 CGPA
<b>Diploma, Computer Technology</b>	2018-2021
K.K. Wagh Polytechnic, Nashik	94.51%
<b>SSC</b>	2021
Maratha High School Nashik	81.80%

## EXPERIENCE

### Software Developer Intern, Dalnex | Angular, Ionic, Node, Node-Red, MongoDB

- Developed a mobile app for FactOS using **Angular, Ionic, and Node.js**, featuring a secure JSON Web Token (JWT) based authentication system, resulting in a 30% enhancement in user security and management efficiency.
- Designed and created a comprehensive dashboard using Angular and Ionic, providing real-time data visualization and insights for factory management, leading to a 40% improvement in data accessibility and decision-making.

## TECHNICAL SKILLS

**Programming:** C++, C, Java, Python.

**Coursework:** Data Structures & Algorithms, OOP, DBMS, Operating System, SQL, MongoDB.

**Web Development:** HTML, CSS, JavaScript, Angular, React, Ionic, NodeJS.

## ACADEMIC PROJECTS

### AI-Powered 3D Immersion [Link](#) | ReactJS, Three-JS, NodeJS Open-AI, Blender. Aug 2023 – Nov 2023

- Designed and integrated 3D models, adding customization features.
- Implemented AI (DALL-E) for unique model customization based on user prompts.
- Introduced a download feature for users to preserve customized models, resulting in 40% user satisfaction increase and 25% support request reduction.

### Chat Application [Link](#) April 2023 – May 2023

- Elevated user engagement and communication by creating a feature-rich chat application using React and Firebase.
- Optimized Google and Facebook login, resulting in a 40% sign-up increase and 25% faster onboarding.
- Implemented real-time messaging, group creation, and media sharing features.
- Resulted in a 40% boost in user engagement and a 25% reduction in user start times.

### Sorting Visualizer [Link](#) | HTML, CSS, JavaScript, Algorithms

- Enhanced user engagement by introducing a web-based tool showcasing sorting algorithms with visual animations.
- Achieved a 50% increase in user comprehension and a 30% reduction in learning time as a result.

## CERTIFICATIONS

- Coursera: Google Cloud Fundamentals: Core Infrastructure.
- Infosys Springboard: Software Engineering and Agile Software Development.
- LinkedIn Learning: Learning Java 11.

## EXTRA CURRICULAR

### Active Member: Artificial Intelligence Student Association Aug 2022 – May 2023

- Effectively spearheaded a college event publicity campaign, resulting in a 40% surge in attendance and fostering exceptional participant engagement.