

Piyush Pandey

Software Engineer

Dynamic and results-driven developer with extensive experience in designing, developing, and testing high-quality applications. Proven track record of leading teams, optimizing performance, and delivering innovative solutions that drive company success. Skilled in a wide range of programming languages, frameworks, and technologies, with a passion for tackling complex challenges and staying ahead of industry trends.

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WORK EXPERIENCE

Software Engineer

Amdocs Development Centre, India LLP

09/2022 - Present

Pune, India

Achievements/Tasks

- Led Comcast project in Digital Delivery team, driving end-to-end API design and implementation, boosting system scalability by 50% for multi-user environments.
- Engineered scalable RESTful APIs that supported up to 10,000 concurrent users, improving application responsiveness by 30% and elevating the end-user experience.
- Developed API automation scripts, slashing testing time by 40% and accelerating release cycles by 25%.
- Integrated Grafana with Python for real-time analytics, reducing system downtime by 25% that led to optimized performance for USCC clients.

Full Stack Developer Intern

Talking Mart

02/2022 - 05/2022

Remote

Talking Mart builds Conversational AI based Chatbots.

Achievements/Tasks

- Spearheaded development and deployment of HR and Customer admin tools for Divvy, enhancing client operational efficiency by 70%.
- Revamped legacy ColdFusion codebase to Vue.js, boosting application performance by 50% and enhancing maintainability for future iterations.
- Designed reusable React.js components for conversational AI chatbots, slashing feature development time by 30% and supporting rapid scalability.
- Optimized frontend performance, achieving a 66% reduction in load time, which increased user engagement by 23% and improved client retention.

EDUCATION

B.Tech in Computer Engineering

Bharati Vidyapeeth College of Engineering - Pune

07/2018 - 07/2022

CGPA - 8.28

SKILLS

React.js

Node.js

Redux

Vue.js

C++

Python

MongoDB

SQL

HTML

CSS

JavaScript

REST APIs

OS

DBMS

Git

Data Structures

UI/UX

Firebase

Figma

TailwindCSS

Typescript

PostgreSQL

KEY PROJECTS

Pathfinder

- Developed a visualization tool for different pathfinding algorithms.
- Implemented A*, BFS, DFS, Greedy BFS, Dijkstra algorithms for pathfinding.
- Implemented maze generation using Recursive Division (Horizontal & Vertical Skew), random maze etc.

Sorting Visualiser

- Developed a progressive web application using React.JS to visualize classic sorting algorithms.
- Implemented various sorting algorithms like Merge Sort, Quick Sort, Selection Sort, Bubble Sort, etc.
- Implemented features like play/pause, fast-forward, shuffle data etc.

Ghost. (Social Media App)

- Developed a Front-End & Back End social media application from scratch using NodeJS, Express, HTML, CSS & JavaScript.
- Built various components such as user feed, profile, chatting engine, secure user authentication etc.
- Built a fully scalable MVC project architecture using MongoDB for database management.

React-iPod

- Developed a modern iPod Emulator using React.JS.
- Built various UI components of the app such as Cover Flow, Music, Games, etc.
- Integrated with high-speed Firebase cloud storage for real-time updates.

ACHIEVEMENTS

AWS Machine Learning Scholarship (06/2021)

Won Udacity's AWS Machine Learning Scholarship

Published research paper - IEEE

Published a research paper in IEEE ASIANCON 2022 on Employee Churn Walkthrough using KNN

INTERESTS

Tech

EVs

Reading

Travelling

Sports