Bharti Dhote

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Education

Indian Institute of Information Technology, Kota   **Aug 2023 - May 2027**
B.Tech in Computer Science and Engineering   *CGPA : 6.42*

Vijay Jyoti Academy, Dewas   **April 2021 - March 2023**
12th Class in PCM, State Board   *Result : 90.8%*

Work Experience

Inditech Technology Services Pvt. Ltd.   **Apr 2025 – Present**
Product Development Intern   *Remote*

- Developed 3+ real-time healthcare products using **Python**, **Django**, and **PHP**, integrating 20+ secure REST APIs with 99.9% uptime.
- Collaborated with UI/UX, QA, and DevOps teams to deliver scalable products, optimizing backend performance by 30% via efficient **Django ORM** queries and caching.

Coincent.ai   **Apr 2024 – Jun 2024**
Artificial Intelligence with Python Intern   *Remote*

- Architected and fine-tuned a Vision Transformer model for image classification on the Oxford-IIIT Pet dataset, resulting in a 15% accuracy improvement.
- Designed and implemented a text classification model with TensorFlow, including data preprocessing, model architecture, training, and evaluation, achieving a 92% accuracy on test data.

Projects

Crave-Corner: Full-Stack MERN Restaurant Website with Stripe Integration   **Live Project**

- Designed and deployed a production-ready restaurant website using the **MERN stack and TypeScript**, featuring secure **user authentication**, integrated **Stripe payments**, and optimized **Cloudinary APIs** for fast and reliable media handling, improving image load time by **40%**.
- Engineered **real-time reservations and order management system** with **Zustand state management**, supporting **100+ secure transactions**, reducing runtime errors by **30%** through TypeScript, schema validation with **Zod**, and comprehensive edge-case testing.
- Ensured **95% cross-device compatibility** with a responsive mobile-first UI, achieving a **30% boost in mobile traffic**, while deploying on **Render + MongoDB Atlas** with CI/CD pipelines to maintain **99.9% uptime**, scalability, and seamless performance.

IMDB Clone: Movie Database Platform   **Live Project**

- Developed a movie database platform using **HTML, CSS, JavaScript, and React.js** with real-time data integration from the TMDB API. Implemented trending movie displays and category-based navigation, achieving **1,500+ monthly users** and a **40% increase in user engagement**.
- Built a robust **backend** with **Express.js and MongoDB**, supporting **1,000+ active users** and **10,000+ API requests/month** with **99.9% uptime**, while reducing response time by **20%** and ensuring **95% mobile compatibility**.

Technical Skills

Languages: C, C++, Python, JavaScript, TypeScript, PHP, SQL.
Backend: Node.js, Express.js, Django, PHP.
Frontend: React.js, HTML, CSS, Tailwind, Bootstrap, Redux.
Clouds & Databases: AWS, MongoDB, MySQL.
Developer Tools: VS Code, Git, GitHub, Postman, CI/CD Pipelines (GitHub Actions, Jenkins).
Artificial Intelligence & Machine Learning: Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib.
Coursework: Data Structures and Algorithms, Object Oriented Programming (C++), Database Management System, Operating System, Software Engineering.
Others: Competitive Programming, Computer Architecture, Software Development.

Achievements and Certifications

- **GHCI Scholar (2024)**: Recognized as a Grace Hopper Celebration Scholar.
- **Strategic Problem Analysis and Resolution**: Solved 1,000+ coding challenges and data structure problems across multiple platforms.
- **Google Analytics Certification**: Completed the Google Analytics for Beginners course.