

Dipak Diliprao Halkude

✉ dipakdh12345@gmail.com | 📞 8767707748
🌐 github.com/DipakHalkude | 🔗 linkedin.com/in/dipakhalkude

Skills

Languages: C/C++, Python, JavaScript.

Technologies & Tools: Node.js, MongoDB, EJS, HTML, CSS, GitHub, REST APIs, React.

Work Experience

UPM, Malaysia

Aug 2024 - Nov 2024

Software Development Engineer (SDE) Intern

- Designed and implemented scalable RESTful APIs, reducing response time by 15
- Developed feature-rich web applications using React.js, improving user engagement by 25
- Contributed to end-to-end development, including requirement gathering, coding, testing, and deployment.
- Python, JavaScript, React.js, Node.js, GitHub, REST APIs, SQL, HTML, CSS.

Alteryx, Remote

Sept 2023 - Nov 2023

Data Analytics Process Automation Intern

- Streamlined data analytics processes by automating workflows, reducing manual effort by 40%.
- Designed and implemented ETL processes using Alteryx, improving data processing speed and accuracy.
- Automated data integration across multiple sources, enabling faster decision-making for business operations.
- Alteryx, ETL, Data Analytics, Process Automation, SQL, Python.

Free Code Camp, Remote

Jul 2023 - Aug 2023

Frontend Developer Intern

- Built and deployed responsive web applications using HTML, CSS, and JavaScript, enhancing user experience across devices.
- Developed interactive front-end features using React, improving site functionality and performance.
- Collaborated on open-source projects, adhering to best coding practices and contributing to community-driven development.
- HTML, CSS, JavaScript, React, GitHub.

Education

MITAOE Pune

Aug 2021 - Present

B.E. in Computer Science and Engineering

CGPA: 9.01/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

- Casanova Website:** Developed a full-stack web application enabling users to create, edit, and manage rental property listings with integrated review and rating features. Implemented secure user authentication and authorization, along with CRUD operations for listings and reviews. **Live at:** casanova-project.onrender.com. Technologies used: Node.js, Express.js, MongoDB, EJS, Bootstrap, JavaScript, HTML, CSS.
- Indian Railway Announcements:** Developed a desktop application for automating Indian Railway announcements, utilizing text-to-speech for real-time train updates in multiple languages. Integrated a user-friendly interface to manage train schedules and station announcements. Technologies used: Python, gTTS (Google Text-to-Speech), CSV.
- Vidik AI:** Developed an AI chatbot similar to ChatGPT, capable of generating human-like text responses based on user inputs. Implemented natural language processing algorithms to enhance conversational accuracy. Technologies used: Python, GPT-based models.

Awards and Certificates

- Oracle Certified Foundations Associate:** Achieved Oracle Certified Foundations Associate certification, demonstrating proficiency in Oracle database fundamentals and SQL.
- Alteryx Designer Core
- Responsive Web Design on Free Code Camp