P VARUN KUDVA

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About Me

Adaptable and driven tech enthusiast with strong problem-solving skills and the ability to perform well in a team environments. Passionate about innovation and continuous learning.

Education

- **B.E. in Information Science Engineering (2022-2026)**

  Bangalore Institute of Technology, Bengaluru, Karnataka

  CGPA: 8.09

- **Pre-University Course-State Board (2020-2022)**

  Expert PU College, Mangaluru, Karnataka

  Percentage: 91.5%

Technical and Soft Skills

- **Programming languages**: Java, Python, C. **Spoken languages**: English, Kannada, Hindi, Konkani.
- **Web Development**: HTML, CSS, JavaScript, MERN stack, React.js, Tailwind CSS, Vite, APIs.
- **Data Visualization**: SQL, Tableau, Power BI, Generative AI.
- **Software Development**: SDLC, Agile, CI/CD.
- **Cloud & DevOps**: AWS, Docker, GitHub.
- **Academic Coursework:** Relative Database Management System, Data Structures and Algorithm, Operating System, AI ML, Project Management, Computer Networks, Cloud Computing.
- **Soft Skills**: Effective communication, Collaboration in cross-functional teams, Creativity, Adaptability to changing environments.

Project Experience

Fintrackezy - **Finance Tracking website** | MERN stack, JWT, bcrypt, Tailwind CSS | GitHub
- Designed and implemented **user authentication**, **CRUD operations** for financial transactions, and **interactive data visualization**, with **secure data storage** using MongoDB.
- Optimized using **Google Lighthouse**, achieving **Performance: 86**, **Accessibility: 92**, **Best Practices: 90**, and **SEO: 100**, enhancing user experience and site visibility.

Staff-Ezy - **Employee Management System** | React.js, Tailwind CSS | GitHub
- Optimized website performance using **Google Lighthouse**, achieving **0.3s FCP/LCP, 0.9s Speed Index, 0ms TBT, and 0 CLS**. Designed to **streamline** task assignment and tracking for both administrators and employees.
- **Email ids**: **Employees**: abc@g.com, def@g.com, pqr@g.com, lmn@g.com, jkl@g.com. **Admin**: admin@g.com. **Password**: 123.

Retail-Pulse - **Customer Segmentation and Product Recommendation System** | Pandas, NumPy, Matplotlib, Scikit-learn, TextBlob
- It **segments** customers based on their **income** and **spending behavior** using **K-Means clustering**, then **recommends products** by analyzing similar customer preferences with **cosine similarity**.
- It **simulates customer ratings** and generates synthetic **reviews**, analyzing their **sentiments** using **TextBlob**, and visualizes customer behavior through **scatter plots** for better business insights.

Certificates and Courses

- **Career Essentials in Generative AI**, Microsoft and LinkedIn, July 2024
- **Basics of Java** and **OOPS concepts with Java**, Coding Ninjas, February 2024
- **AWS Cloud Computing and Stacking**, Bangalore Institute of Technology, February 2024