Jatoth Vinod

Portfolio Website | vinodnayakj.321@gmail.com | GitHub | 6309387321

Education

- **IIT, Kharagpur** — Kharagpur, India
  MTech Dual Degree,Biotechnology — *Aug. 2019 – May. 2024*
- **Sri Chaitanya Junior College** — Hyderabad, India
  Telangana State Board of Intermediate Education (Class 12) — *May. 2016 – May. 2018*

Experience

BernAI Lab | **Full-Stack Developer** | *Nov 2025 – Present*

- Refactored the portfolio frontend with direct API-driven types, reducing code complexity and improving performance.
- Developed NestJS REST APIs with optimized SQL queries for accurate stock and industry analytics.
- Implemented shared TypeScript types using JSON Schema to ensure end-to-end type safety across the stack.
- Built advanced grid features and visualizations using AG-Grid, React Query, and integrated AI-based insights.

Hi Reach Broadband Pvt Ltd | **Full-Stack Developer** | *Jul 2024 - Apr 2025*

- Maintained internal dashboards for broadband user management and support ticket tracking across departments.
- Deployed client portals on cloud servers with CI/CD automation and domain configuration for seamless delivery.
- Built secure modules for login, session history, and plan upgrades with role-based access and admin control.
- Developed scalable backend logic to manage real-time data sync, usage tracking, and service request handling.
- Managed modular codebases with GitHub workflows, ensuring streamlined testing, reviews, and team collaboration.
- Delivered responsive UIs for plan renewals, data usage, billing history, and customer support functionality.

Projects

Easidine [Link] [**React.js** | **Node.js** | **Firebase** | **DigitalOcean** | **GoDaddy**] *(Jan 2025 – Mar 2025)*

- Built and deployed a QR-based POS system enabling real-time operations for restaurants, hotels, and cloud kitchens.
- Hosted multiple client platforms on cloud infrastructure with automated deployments and domain-level configuration.
- Integrated secure admin panels with printer support and user access systems based on defined roles and permissions.
- Designed scalable modules to support inventory control, order tracking, and store management across all locations.
- Managed codebases using modular practices and version control, ensuring smooth collaboration and CI/CD workflows.

Meditation & Mindfulness Mobile App [**React Native** | **Expo** | **TypeScript** | **NativeWind**] *(Oct 2024)*

- Built a mobile application offering guided meditations, daily affirmations, and personalized wellness tracking
- Created a calming user interface with smooth transitions and soothing visuals to enhance focus and relaxation
- Integrated high-quality audio playback for immersive meditation sessions and affirmation listening
- Implemented intuitive tab-based navigation for easy access to core features and seamless user experience

Sales Insights – Brick & mortar business [**Power BI** | **SQL**] *(Jun 2024 - Jul 2024)*

- Visualized **AtliQ Hardware's sales trend** and presented insights to the **executive team** during monthly meetings
- Applied **SQL** and implemented **stored procedures**, reducing data corruption risk by **20%** through **ad-hoc analysis**.
- Generated **five reports** and gained **insights**, which helped reduce overall **operational costs** by approximately **10%**.

Skills and Expertise

Languages: Python, HTML, CSS, Java, JavaScript, SQL
Frameworks/Libraries: React.js, React Native, Node.js, Tailwind CSS, NativeWind, Bootstrap
Tools/Platforms: Git, GitHub, VS Code, MySQL, Firebase, Expo, putty, Linux

Certifications

React Native Specialization | **Course era**

- Completed a project specialization on **Coursera**, focused on building scalable mobile apps using **React Native**, **Expo**
- Gained practical skills in component structuring, styling with **NativeWind**, and managing app state using React hooks
- Built end-to-end mobile features including navigation, user authentication, and responsive design tailored for use

Extra Curricular Activities

- Trustee at **JH Nayak Foundation**, contributing to community welfare initiatives in education, health, and social impact
- Member of the NSO-Athletics team, IIT KGP for 2 years (2019-2021). Main Event Javelin Throw, **IIT Kharagpur**
- Active in **Bodybuilding (Since 2022)**, committed to consistent training while promoting fitness, discipline, progressing