

Vishnu Anapalli

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EDUCATION

The University of Texas at Dallas

Bachelor of Science in Computer Information Systems, GPA: 3.6/4.0

Richardson, TX

August 2023 – May 2027

EXPERIENCE

PeerBridge

Full Stack Engineer

February 2025 – Current

Remote

- Architected full stack web application using React, Node.js, and PostgreSQL, building responsive UI and integrating analytics dashboard for AI-powered mental health platform serving users across 7+ countries
- Built and optimized RESTful APIs using Node.js, implementing database query optimization and ETL data pipeline architecture that reduced API response time by 40% and enabled data-driven decision making for stakeholders
- Designed UI/UX interfaces in Figma and developed data visualization components, conducting A/B testing and collaborating cross-functionally with product and analytics teams to analyze user engagement metrics and drive 75% increase in weekly active users
- Led full stack development for team of 4 engineers, delivering end-to-end features from database design to frontend implementation for scalable platform reaching 500+ weekly active users

Vivint Smart Home

October 2023 – August 2024

Dallas, TX

Technical Sales Specialist

- Generated 100+ daily B2C prospect interactions through consultative selling and door-to-door outreach, managing customer acquisition pipeline in CRM across Dallas, San Antonio, and Albuquerque territories
- Ranked top 10% in sales performance, closing 45+ deals while exceeding monthly KPIs through strategic lead generation
- Analyzed 1.5M+ annual invoices across 48 divisions using SQL and Python, identifying workflow inefficiencies involving 76 associates processing payments from 1,650 utility providers
- Built Power BI dashboards quantifying 250,000+ labor hours in manual data entry, presenting data-driven ROI projections to stakeholders and enabling 95% error reduction through JD Edwards ERP automation

PROJECTS

TheraBridge | React, TypeScript, MongoDB, AWS, OpenAI API, Docker

November 2025 – Present

- 1st Place Winner, PeerBridge Hackathon – Led 2-person team to architect full-stack AI therapy platform, judged best among 100+ teams and an expert panel of 30+ judges for technical complexity and impact
- Engineered React/TypeScript frontend with Node.js backend and MongoDB's database, integrating OpenAI GPT-4 API to auto-generate session summaries and mood scoring from 12+ test therapy transcripts
- Built audio processing pipeline using Whisper API and pyannote.audio diarization achieving 95% speaker identification accuracy across 2+ hours of recordings, reducing manual review time by 80%
- Architected patient dashboard with real-time mood trend visualization and AI-powered progress tracking, deployed via AWS Lambda with automated testing, enabling therapists to identify patterns 3x faster

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C, C++

Frameworks & Libraries: React, Node.js, Redux, FastAPI, Jest, pandas

Tools & Platforms: Git, Docker, AWS (S3, Bedrock), Azure, Linux, Excel, Tableau, Power BI, Jira, JD Edwards ERP

Databases: PostgreSQL, MongoDB

Relevant Coursework: Data Structures & Algorithms, Database Systems, Business Analytics, Applied AI/Machine Learning, Statistical Modeling, Agile Methodologies, Quantitative Analytics, Product/Business Strategy

CERTIFICATIONS

Power BI Data Analyst (PL-300) - In Progress | Microsoft

Expected March 2026

Databricks Certified Data Engineer Associate

January 2026

Azure AI Fundamentals (AI-900) | Microsoft

August 2025

Azure Fundamentals (AZ-900) | Microsoft

July 2025