

BEN GIDEON DOKIBURRA

8282 Cambridge St, Houston, TX 77054

☎ 281-836-1597 ✉ bengideondokiburra@gmail.com [linkedin.com/in/bengideondokiburra/](https://www.linkedin.com/in/bengideondokiburra/) github.com/BenGideon

Education

University of Houston

Master's of Science in Computer Science, CGPA: 3.67

Aug. 2023 – May 2025

Houston, Texas

Vellore Institute Of Technology

Bachelor of Technology in Computer Science, CGPA: 3.40

Aug. 2017 – May 2021

Amaravati, Andhra Pradesh

Relevant Coursework

Data Structures and Algorithms, Data Mining, Digital Image Processing, Cloud Computing, Computer Architecture, Database Management, Machine Learning, Mobile App Development, Web Technologies, Computer Networks

Experience

Accenture Solutions Pvt. Ltd

Custom Software Engineering Associate

August 2021 – June 2023

Hyderabad, Telangana

- Worked for Bank of America to calculate the exposure values for predicting and handling the loss incurred when the borrower defaults on payment. Automated over ten manual processes using Python scripts, resulting in a significant 65 percent reduction in the time spent analyzing data.
- Analyzed business requirements and developed test plans, scripts, and use cases to meet testing goals while validating SQL queries. Executed complex database queries to extract information for reporting and analysis. Collaborated effectively with geographically dispersed teams (UK, India, and US), leading to a 70 percent customer satisfaction rate.
- Experience with Kanban (Agile) framework, QA methodology, JIRA, and qTest by working on weekly regression and monthly releases. Reported critical bugs early in the development cycle, leading to a 50 percent substantial impact on the team deliverables.

Plural Technology Private Limited

Intern

February 2021 – July 2021

Pune, Maharashtra

- Developed and deployed machine learning models as part of the "ML Ops: Scaling AI for Large Enterprises" project, streamlining data workflows and enhancing operational insights.
- Conducted in-depth analysis of aeroplane autoparts datasets, applying machine learning techniques to optimize predictive maintenance and inventory management.
- Redesigned and updated the website to reflect the latest insights from data models, enhancing the user experience and providing real-time operational dashboards for component management.

Projects

Virtual Storefront | *React.js, Node.js, Express.js, GraphQL, Stripe API, MongoDB*

January 2023

- Developed a Convenience Store Website using React.js for the frontend, creating a dynamic, responsive, and user-friendly interface for browsing products, placing orders, and managing deliveries.
- Built the backend using Node.js with Express.js, leveraging GraphQL for efficient data fetching, and handling user authentication, order processing, and real-time inventory updates.
- Integrated secure payment gateways and order tracking features using Stripe API and Twilio, providing a seamless and secure checkout experience for users.

Disaster Response Management System | *React.js, Node.js, Express.js, Docker, MongoDB, Twilio API, AWS*

June 2023

- Developed a React.js dashboard enabling real-time disaster response with features for live updates, volunteer tracking, and dynamic resource allocation.
- Built a secure Node.js backend for incident reporting and access control, with Twilio API integration for instant SMS alerts; deployed via Docker on AWS to ensure scalability, using MongoDB for structured storage of volunteer, resource, and incident records.

Financial Risk Management System | *Python, SQL, React.js, Node.js, Docker, Azure*

December 2023

- Designed a financial risk management platform for real-time monitoring and analysis of transactional risk metrics, enhancing early warning systems for potential credit and operational risks.
- Developed and deployed backend services in Python and Node.js to automate risk calculation models and streamline data ingestion workflows.
- Utilized Azure for scalable cloud deployment, integrated with Docker for containerized environments, and created an intuitive front-end interface in React.js for real-time analytics and reporting.

Technical Skills

Languages: Java, SQL, Kotlin, JavaScript, Python, Go, TypeScript, HTML, CSS, Shell Scripting.

Frameworks: Express.js, Flutter, ReactNative, Apache Kafka, Kubernetes, Docker.

Databases and Libraries: MySQL, MongoDB, PostgreSQL, React JS, OpenCV.

Developer Tools: Android Studio, Node.js, Amazon Web Services (AWS), Git, Jenkins, Postman, VS Code.

Concepts: Full Stack Development, RESTful API Design, MicroServices, MVC, MVVM, CI/CD Pipelines.