BEN GIDEON DOKIBURRA

📞 281-836-1597 ✉ bengideondokiburra@gmail.com 🔗 linkedin.com/in/bengideondokiburra 🐙 bengideon.github.io

Education

University of Houston — **Aug. 2023 – May 2025**
Master's of Science in Computer Science, CGPA: 3.67 — *Houston, Texas*

Areas of Interest: 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 — **August 2022 – June 2023**
Custom Software Engineering Associate — *Hyderabad, Telangana*

- Designed and implemented scalable microservices architecture using Java Spring Boot, optimizing system performance and reducing API response times by 30%. Developed and deployed RESTful APIs to facilitate seamless integration between distributed services.
- Developed and optimized a high-performance data processing system using Java Spring Boot and PostgreSQL, reducing data retrieval latency by 40%. Designed and implemented event-driven architecture with Apache Kafka, improving real-time data synchronization across distributed microservices.
- Optimized cloud-based deployments on AWS (EC2,S3, Lambda) and Azure, automating infrastructure provisioning using Terraform. Implemented CI/CD pipelines with Jenkins, reducing deployment times by 40% and improving release efficiency.
- Mentored and led a team of junior developers, conducting code reviews, Agile sprint planning, and best practice implementations. Facilitated cross-functional collaboration between development, QA, and DevOps teams, achieving a good customer satisfaction rate.

Accenture Solutions Pvt. Ltd — **August 2021 – July 2022**
Custom Software Engineering Associate — *Hyderabad, Telangana*

- Developed and automated processes for calculating exposure values to predict and manage losses from borrower defaults at Bank of America, reducing manual effort by 65% through Python scripting.
- Analyzed business requirements, validated SQL queries, and executed complex database queries for reporting and analysis. Collaborated with global teams (UK, India, US), improving customer satisfaction by 70% and enhancing team efficiency through Kanban (Agile), JIRA, and qTest, with a 50% impact on deliverables.

Plural Technology Private Limited — **February 2021 – July 2021**
Software Engineer - Intern — *Pune, Maharashtra*

- Developed and deployed machine learning models for the "ML Ops: Scaling AI for Large Enterprises" project, optimizing predictive maintenance and inventory management for aeroplane autoparts datasets.
- Redesigned and updated the company website to integrate real-time operational dashboards, enhancing data-driven decision-making and user experience.

Projects

Scalable Virtual Storefront | *React.js,Node.js,Express.js,GraphQL,Stripe API,MongoDB* — **January 2023**

- Built an e-commerce platform handling **10,000+ simultaneous users**, with a Node.js backend and GraphQL for **30% faster API response times.**
- Integrated Stripe API and Twilio for secure payments and notifications, achieving **99.9% checkout success rates.**
- Responsive React.js frontend increased user engagement by **25% based on usability tests.**

Financial Risk Management Platform | *Python, SQL, React.js, Node.js, Docker, Azure* — **December 2023**

- Developed a system for real-time transactional risk analysis, cutting risk detection latency by 40%.
- Automated data ingestion with Python and Node.js, reducing computational overhead by 20%.
- Deployed using Azure and Docker for scalability across regions, providing 30% faster decision-making insights via an intuitive React.js dashboard.

Technical Skills

Languages: Java, SQL, Kotlin, JavaScript, Python, Go, TypeScript, Shell Scripting, HTML, CSS.
Frameworks and Libraries: Spring Boot, Hibernate, Express.js, Flutter, React Native, Apache Kafka, Kubernetes, Docker, OpenCV.
Databases: MySQL, Oracle, NoSQL, PostgreSQL, MongoDB.
Developer Tools and Cloud Services: IntelliJ IDEA, Eclipse, Android Studio, Node.js, Amazon Web Services (AWS), Microsoft Azure, Git, Jenkins, Terraform, Postman, VS Code.
Concepts and Methodologies: Full Stack Development, Microservices Architecture, RESTful API Design, MVC, MVVM, CI/CD Pipelines, Agile (Scrum/Kanban), Test-Driven Development (TDD), Cloud-Native Development.