ABDI DERESA

Abdishegute@gmail.com
Seattle, WA 98118
(206) 612-8438
[LinkedIn]
[GitHub]

CAREER SUMMARY

Software Developer with hands-on experience designing and contributing to scalable applications **serving over 33 million monthly** active users. Contributed to the modernization of the **date picker control** and other key components within the Microsoft Power Apps Control Platform, implementing enhancements and resolving product-related incidents. Proficient in front-end technologies (React, JavaScript, TypeScript), unit testing frameworks, and backend technologies (C#, SQL, and Python). Experienced with Azure DevOps for managing software development lifecycles, including CI/CD pipelines and infrastructure automation. Strong problem-solving, collaboration, and communication skills, proven to work effectively in large-scale projects and foster cross-team collaboration. Passionate about enabling businesses to create custom low-code applications.

AREAS OF EXPERTISE

TypeScript | JavaScript | Python | React | | C# |HTML5 |CSS | Agile Methodologies | Node.js |Object-Oriented Programming (OOP) | Unit Testing | Continuous Integration (CI) | Code Optimization | Problem Solving & Analysis | Web Development | Version Control (Git) | Backend Development | API Design & Development | SQL | .NET | Azure DevOps | Collaboration

PROFESSIONAL EXPERIENCE

MICROSOFT *Redmond, WA*
Software Engineering Intern *Oct. 2024 - Present*

- Collaborated with a cross-functional **team of 15,** promoting effective communication and teamwork to meet project milestones and deliver high-quality solutions.
- Developed and tested robust software applications using React, TypeScript, Jest Testing Framework, and React Testing Library, ensuring high-quality, seamless functionality.
- Enhanced and modernized core components, including Date Picker and Text Input, within the Microsoft Power Apps platform, improving user experience and scalability to support millions of users with high traffic volumes.
- Proactively resolved **5-6 incidents** daily on the Microsoft Power Apps platform, utilizing detailed debugging and user configuration analysis to identify and fix core issues, minimizing downtime and optimizing platform performance.
- Leveraged Azure DevOps, Microsoft Power Apps Maker, SharePoint, Dataverse, and Visual Studio Code to investigate and resolve bugs, implement fixes, and deliver a seamless user experience.
- Utilized C# to automate the extraction of shape properties and metadata from Visio diagrams and compare them with corresponding data in Excel sheets, improving data validation **efficiency by 40%** and reducing manual verification time by **10 hours per week.**

WONJI SHOA SUGER FACTORY (ETHIOPIA)

Chemical Engineer *Sept. 2020 - Apr. 2023*

- Optimized chemical processes, increasing production efficiency at a facility with a design capacity of 6,250 tons of cane per day and annual sugar production of 174,946 tons, with expansion plans to reach 12,500 TCD and 220,700 tons of sugar.

EDUCATION & TRAINING

SEATTLE CENTRAL COLLEGE *Seattle, WA*
Software Development *March 2024 – March 2025*

- Completed coursework in Programming and Web Concepts, Software Development Tools, and additional studies in software engineering fundamentals, debugging, and SQL development.

ADDIS ABABA UNIVERSITY *Addis Ababa, Ethiopia*
Chemical Engineering *Sept 2014 – July 2019*

TECHNICAL SKILLS

- Proficient in React, TypeScript, JavaScript, C#, SQL, Jest Testing Framework, React Testing Library, API development, Azure DevOps, Git, GitHub, Visual Studio, Debugging complex software systems, Unit Testing, Agile Methodology, MIRO