Michael Abayneh

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Portfolio: http://michaelabayneh.s3-website-us-east-1.amazonaws.com

Work authorization: U.S. Resident (Green Card)

Full-Stack Developer

Results-driven Full-Stack Developer with 5+ years of experience. Proficient in utilizing the latest technologies and frameworks JavaScript, Java, React, React Native, Angular, NodeJS, Express, REST API, MongoDB, MySQL, Bootstrap, HTML5, CSS, and AWS. A seasoned and dedicated professional in the field of Accounting and Finance, offering a proven track record of accuracy, integrity, and strategic financial insight for 5 years. Strong problem-solving skills, keen attention to detail, a continuous learning mindset and always seeking to stay up-to-date with industry trends and best practices.

Web Application Development • Software Development Life Cycle • Analysis Design Patterns • REST APIs • Testing / Debugging • Data Structures • Software Architecture • Problem Solving

Technical Skills

Languages: JavaScript, TypeScript, Java

Web: Angular, React, React Native, HTML5, CSS, AJAX

Backend Development: Nodejs, Express

Databases: MongoDB, DynamoDB, MySQL

Cloud Services: AWS (Lambda, S3, DynamoDB, AWS Amplify, EC2)

Version Control: Git, GitHub, JSON, XML

Tools: VS Code, Postman, Intellij, REST APIs, Development tools, Mocha

SDLC: Cross-functional teamwork, Responsive Design, Agile, UI

Platform: Windows, Linux

Professional Experience

Home Link Technology Solution – Addis Ababa, December 2016 – February 2022

Role: Front End Developer | Full Stack Web Developer | Software Developer

Responsibilities

- Design, build, and enhance user-friendly interactive web applications through customization.
- Implement front-end application architecture and develop user interfaces using React JS and Angular for SPA development.
- Build various core UI application components (React) for major updates and workflow improvements.

- Optimize performance by migrating legacy React codebase and addressing issues in React-hooks adoption.
- Utilize functional components and hooks (useState, useEffect, useMemo, useContext) for efficient development.
- Apply hands-on experience in Redux for maintaining application state in a single store.
- Develop OAuth implementation for secure login and resource access using Angular.
- Utilize Express.js for developing RESTful web services and middleware configurations.
- Create REACT Services for consuming REST API and implement component-based application architecture with HTML and Type Script.
- Ensure optimal performance, security, and data integrity in web applications.
- Provide technical support to end-users and conduct thorough code reviews to enforce coding standards and maintainable code.
- Implement unit testing to ensure the delivery of high-quality software.
- Analyze technical challenges and propose innovative solutions for overcoming them.
- Troubleshoot and debug issues promptly to maintain application functionality and performance.
- Create and maintain comprehensive technical documentation, including architecture diagrams, code comments, and user guides, for effective communication and knowledge sharing among team members.

Technology used: React, NodeJS, Express, Rest API, MongoDB, Jira, Postman, Jenkins, Github, HTML, SASS, Bootstrap, Dev tools, Mocha

Wells Fargo – Minnesota, October 2019 to January 2022

Role: Operation Clerk

Responsibilities

- Sort, stack, scan, review & validate home equity documents
- Scan, reviewing, validate home mortgages / FFI / Auto documents
- Research, analyze & compile data to resolve operational processing issues

MIDROC Technology Group – Addis Ababa, December 2011 – November 2016

Role: Senior Accountant

Responsibilities

- Develop and implement financial plans, budgets, and forecasts aligned with strategic goals.
- Manage budgets, optimize cash flow, and ensure regulatory compliance.
- Lead finance teams, provide guidance, and conduct training for success.
- Oversee internal controls and adapt to regulatory changes.
- Perform risk assessments and develop mitigation strategies.
- Successfully meet organizational goals and ensure data accuracy.
- Support financial software systems for improved reporting and integration.

Technology used: SAP, Oracle, QuickBooks, Sage 50, Scala

East African Group PLC – **Bishoftu, September 2006 – October 2011**

Role: Systems Administrator

Responsibilities

- Perform routine maintenance tasks such as updates, patches, and backups.
- Provide technical support to end-users by addressing inquiries, troubleshooting hardware and software issues, assisting with password resets and troubleshooting network problems effectively.
- Assist with on boarding new employees by setting up user accounts and workstations.
- Collaborate with senior administrators to diagnose and resolve system and network issues.
- Maintain accurate and up-to-date documentation of system configurations and procedures.
- Assist in IT projects such as system upgrades, migrations, and new technology implementations.

Technology used: Windows Server, Routers, Switches, Firewalls, Disk-to-Disk backup Monitoring tools

Education

- Master's Degree in Software Development, February 2022 – August 2023
  - Maharishi International University – Fairfield, Iowa
    - Theory and practical implementation of JavaScript technologies.
    - Degree conferred in Dec. 2023.
    - Courses: Object-Oriented Programming, JS, Data Structures, Modern Web Programming, Algorithms, Server-Side Programming, React, React Native, Angular, Cloud computing
- Master's in Accounting and Finance, September 2015 – August. 2017
  - Arsi University – Arsi, Ethiopia
    - Comprehensive study of accounting theories and practices.
    - Graduated with honors.
    - Courses: Financial Accounting, Managerial Accounting, Financial Analysis, Taxation, Auditing, Financial Management, Research and Analysis, Financial market and Institution.
- Bachelor of Art in Accounting and Finance, September 2009 – August 2011
  - Unity University – Adama, Ethiopia
    - Graduated with honors.
    - Gold Medal Award and University Cup for achieving the highest academic distinction.
    - Courses: Principle of Accounting, Financial Accounting, Managerial Accounting, Financial Analysis, Taxation, Auditing, Financial Management, Research and Analysis, Economics
- Bachelor's Degree in Computer Science, October 2003 – August 2006
  - HiLCoE School of Computer Science – Addis Ababa
    - Acquired knowledge and skills in programming, algorithms, software development, databases and networking.
    - Graduated with honors.
    - Courses: Java, C++, Visual basics, data structures, Operating systems, databases, software engineering, Computer networks, Algorithms, Artificial intelligence