

BARKEAL BEYENE

barkealbg@gmail.com | (215) 900-5539 | Burtonsville, MD

SUMMARY

Proven Software Developer with PMP certification, specializing in planning and designing new software and new applications including programming, test and debugging defined software components. With over 10 years professional experience, including over four years in Information Technology, proven track record of using React.js, Node.js, and MongoDB to deliver exceptional software systems. Strong proficiency in system-design and extensive experience working with distributed systems. Additionally, excel in building back end REST APIs with Node.js and integrating third-party services seamlessly. Skills extend to database design and management using PostgreSQL and MySQL, as well as version control systems like Git. Experienced in user authentication and authorization mechanisms including OAuth, deploying and managing web applications on AWS, production support, and following agile methodologies. Understanding and hands on experience in process design and redesign. Possess strong problem-solving abilities, resolve issues on various operating systems including Windows, MacOS, and Linux and deep understanding of the software development process. With excellent communication skills, adept at documenting technical requirements including software design, evaluation plans, test results and technical manuals.

SKILLS

- **Certified:** Full Stack Engineer, Project Management Professional (PMP), AWS Cloud Practitioner
- **Programming:** JavaScript, Python, Java
- **Scripting:** Python, Bash
- **Frameworks/Libraries:** React.js, Node.js, Express.js
- **Database:** MongoDB, MySQL, SQL Server, PostgreSQL
- **Cloud:** AWS
- **Tools:** Git, Github, Jira, MuleSoft, MicroSoft 365, Google Suits, Firebase
- **Project Management:** Leadership, Risk Management, Time Management, Budget Management, Stakeholder Management, Agile and Waterfall project management, scrum
- **Soft/Interpersonal Skills:** Written and Verbal Communication, Leadership, Collaboration, Empathy, Friendly, humility, Detail-oriented, Business Communication, Influence stakeholders, Judgement, Independent, Punctual
- **Web Design & Development:** WIX, SquareSpace, Wordpress, HTML, CSS, VS Code

EXPERIENCE

KB International - Software Developer

Silver Spring, MD | 01/2023 – Present

- Worked with project managers, business system analysts, quality assurance, application developers and UX/UI design team to improve existing applications and increase conversion rates by 20%.
- Researched, wrote and edited documentation and technical requirements, including software design evaluation plans, test results and technical manuals.
- Enhanced product stability and reliability by proactively identifying and resolving critical issues during the development phase using TDD, reducing the number of customer complaints by 10%.
- Built a cross-browser compatible and accessible website, resulting in 22% faster load time than the previous version.
- Work with core Java technologies and implement backend business logic, ensuring security, scalability and performance requirements for the smooth operation of the application.
- Designed and developed dynamic and browser compatible Single Page Applications (SPAs) using HTML5, CSS3, Javascript, and React.
- Automate the build and deployment process using Jenkins, Maven, Nexus, and Bitbucket, streamlining the software delivery pipeline.

Environment: J2EE, Java SDK, HTML, CSS, JavaScript, TypeScript, React, Eclipse, Web Services, JUnit, Unix, Ajax, Maven, GitHub, Oracle

KB International - Project Manager

Silver Spring, MD | 01/2022 – 01/2023

- Successfully implemented a start-up environment CRM system for a retail company, resulting in a 20% increase in customer retention rate within the first six months.
- Coordinated and collaborated with a remote and distributed scrum team of 15 consultants and specialists, ensuring their collaboration and productivity, resulting in a 15% reduction in project timeline, completing the implementation three weeks ahead of schedule.

- Managed a project budget of \$500,000, achieving cost savings of 10% through effective resource allocation and vendor negotiations.
- Conducted regular project supervising and quality checks, resulting in a 95% accuracy rate of customer data migration and improved data integrity.

Social Enterprise Ethiopia - Senior Manager

Addis Ababa, Ethiopia | 12/2018 - 12/2020

- Optimized the organization's business development programs through data-driven project management, achieving a 300% growth in membership.
- Increased program funding by 200,000 USD via expert budget preparation and financial forecasting. Doubled enterprise sales revenue through data-driven financial models and forecasting.
- Implemented a thorough accounting system using cloud-based tools for compliance and financial transparency. Quadrupled SEE's grant portfolio by identifying prospects through client research and data analysis.
- Generated insightful variance reports on financial performance for stakeholders and presented detailed reports to the assembly, board members, and donors using standard reporting frameworks.

Kidmia - Program Manager

Addis Ababa, Ethiopia | 09/2014 - 12/2018

- Directly interfaced with internal and external teams to manage project requirements, enhancing customer experience and stakeholder engagement by 25%. Analyzed expenses to find cost-saving opportunities and bolster financial feasibility.
- Participated in business and system requirement reviews for thorough understanding of business needs. Implemented a technology-driven record-keeping system, boosting solicitation success by 30%.
- Streamlined control and workflow via design and execution of administrative policies.

AHH - Jr. Web Developer

Addis Ababa, Ethiopia | 07/2012 - 09/2014

- Developed, deployed, and maintained high-quality web applications using HTML, CSS, and JavaScript, resulting in increased business management efficiency and a 20% reduction in task completion time.
- Demonstrated proficiency in code development, emphasizing performance, maintainability, and thorough documentation practices, resulting in improved collaboration, code readability, and knowledge transfer within the development team.
- Contributed to the design and development of user interfaces for web applications through quality mockups, prototypes, and systematic research to support application development.

AHH - IT Support

Addis Ababa, Ethiopia | 07/2011 - 07/2012

- Provided technical support to staff in resolving hardware and software issues and performed routine maintenance on network infrastructure, including troubleshooting connectivity issues.
- Assisted in the installation and configuration of operating systems and software applications

EDUCATION AND CERTIFICATIONS

V School Coding Bootcamp

Remote 2023

Learned industry best practices and practical software development standards for both front end development and back-end development with a focus on HTML5, CSS3, JavaScript, Node.JS, React, REST APIs, and MongoDB. Created and deployed mobile-first applications while learning new languages and frameworks by collaborating every week with a senior web developer.

Amazon Web Services - AWS Certified Cloud Practitioner

Remote 2022

Jimma University - Master of Business Administration (MBA)

Remote 2022

MuleSoft - Mulesoft Certified Developer 1

Remote 2022

Project Management Institute - Project Management Professional (PMP)

Remote 2019

Addis Ababa University - Bachelor of Arts, Sociology

Addis Ababa, ET 2011