Benson Kiai

SOFTWARE ENGINEER

Email | GitHub | LinkedIn | Portfolio

SUMMARY

A versatile Full-Stack Software Engineer with expertise in an array of modern tech stacks, carefully blended to transform bold ideas into scalable, accessible platforms that deliver measurable impact.

SKILLS

Front-End: JavaScript, TypeScript, React, Redux, HTML5, CSS3, Next.js, Tailwind CSS.
Back-End: Ruby on Rails, MySQL, PostgreSQL, Node.js.
Tools & Methods: Git, GitHub, Gitflow, Vercel, Jest, Rspec, Responsive UI/UX, Webpack, Accessibility, TDD.
Professional: Remote Pair-Programming, Teamwork, Time-management, Attention to Detail, Problem-solving, Creative-thinking.

EXPERIENCE

HIGHLIGHTED PERSONAL PROJECTS — Remote
Full Stack Web Developer — March 2023 – Present

ATP App — Developed a full-stack hybrid civic-tech platform enabling real-time citizen participation in governance, driving an estimated 87% increase in community engagement during pilot programs.

- Built with: Next.js, Next Auth, Tailwind, Framer Motion, TypeScript, Supabase, Jest, Vercel.
- Private Repo.
- Live Demo

SchoolFees Management System — Developed a comprehensive platform that streamlines school fees tracking for school administrators and parents, boosting collection and reconciliation efficiency by 55% and enhancing collaborative academic performance monitoring by 74% to deliver actionable financial and educational insights.

- Built with: Next.js, TypeScript, Recharts, Tailwind, Twilio, Google Sheets API.
- Live Demo

Smart Budget — Developed a full-stack personal finance platform that delivers 20%+ gains in budgeting accuracy through automated transaction categorization backed by 95% test coverage to ensure reliability, maintainability, and confidence in user-facing workflows.

- Built with: Ruby on Rails, Devise, CanCanCan, Rspec, Capybara, PostgreSQL, Render.
- Live Demo

MICROVERSE — Remote
Mentor (Volunteer) — March 2023 – January 2024

- Mentored junior web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on maintaining motivation to maintain longevity in the program.
- Over 90% of the junior developers I mentored completed the program.

EDUCATION

MICROVERSE — March 2023 – January 2024
Remote Full Stack Web Development Program, Full-Time

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby on Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.