

Bamlaku Getachew

Fullstack Developer

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SUMMARY

Driven by a strong passion for backend development, I am a Full Stack Developer with expertise in Node.js, Express.js, MongoDB, and REST API. My skills extend to frontend technologies such as React and Vue.js, as well as data management tools like GraphQL, Hasura, and Apollo. Committed to continuous learning and problem-solving, I deliver innovative solutions tailored to client needs and am always ready to tackle new challenges to achieve outstanding results

EXPERIENCE

Full stack web development Intern

Minab Ict solution

03/2022 - 06/2022 Bahirdar

Minab is a technology consulting and cloud platforms development firm that has worked on several governments and international development organization projects in Ethiopia, Nigeria, Mali, Morocco, Ghana

- During my time as an intern at Minab ICT Solutions, I worked on a variety of projects involving front-end and back-end technologies such as Vue.js, Hasura, PostgreSQL, Node, and Tailwind CSS. One of my major contributions was developing a Food Recipe Website using these technologies, which allowed users to browse and search for recipes using various filters. I gained hands-on experience implementing both front-end and back-end functionalities, and enjoyed working in a team-based environment with other developers

Full stack web development Intern

Boost software solution

03/2023 - 07/2023 Bahirdar

Boost Software Development PLC is dedicated to creating innovative, secure, and user-friendly software solutions that drive digital transformation across various sectors

- As an intern at Boost Software, I've been working with a team of fellow developers to build an automated campus leaving web app using MERN stack. Through this experience, I've learned the importance of effective collaboration and communication in order to deliver a high-quality product. I've also gained expertise in using modern development tools and techniques, and am enthusiastic about continuing to expand my knowledge in this area

Backend Nodejs Developer

upwork

07/2023 - Present Remote

Upwork is a popular online platform that connects freelancers with clients looking for various services

- I've worked as a freelance Node.js developer on Upwork, creating custom CMS systems and real-time communication platforms for clients in different industries. Through these experiences, I developed strong communication skills and the ability to work effectively under tight timelines and budgets. I enjoy the challenge of creating scalable solutions that meet clients' specific needs

EDUCATION

BSc Software Engineering

Bahir Dar University

2019 - 2024

- As a software student at Bahir Dar University, I have developed a strong foundation in object-oriented programming, data structures, and fundamental software concepts. Through coursework and projects, I have gained experience in languages such as Java, C++, and Python, and have worked with data structures such as arrays, linked lists, and trees. I am enthusiastic about applying these skills to create robust and efficient software solutions that meet the needs of end-users

EDUCATION

Meta Front-End Developer Professional Certificate

Coursera

04/2023 - 06/2023

- As a participant in the Meta Professional Front-End Developer program, I developed a strong foundation in front-end web development, with a focus on using React JS and advanced JavaScript to create engaging user interfaces. Through coursework and hands-on projects, I gained experience in solving common front-end development issues and enhancing the overall user experience

SKILLS

Frontend Technologies

Html Css Javascript React Vue JQuery Tailwind Css

Backend Programming Languages

Node js php java

Backend Frameworks

Express.js Spring Laravel

Databases

MySQL PostgreSQL MongoDB Redis

Platforms/Tools

Docker Nginx Apache

Version Control & others

GitHub Actions Git GitHub REST GraphQL OAuth JWT RabbitMQ

PROJECTS

Crowdfunding App Backend API

03/2024 - 06/2024

a RESTful API for a crowdfunding application, designed for horizontal scalability and high performance. Built with Node.js and based on Express, MongoDB, Redis, JWT and BullMQ, it supports clustering and is fully containerized using Docker. The project also includes a CI/CD pipeline for seamless deployment and maintenance
See the repo at <https://github.com/bamlakugetachew1/kickstarterprod>

- Funding Transactions:** Secure pledge processing with real-time tracking
- Background Tasks:** Efficient queue management using BullMQ.
- Caching:** Performance optimization with Redis.
- Scalability:** Achieved horizontal scalability via clustering and Nginx
- Containerization & CI/CD:** Dockerized environment with automated testing and deployment

PROJECTS

Blogethio for bloggers in local area

📅 05/2023 - 06/2023

This project is built using the MERN (MongoDB, Express, React, Node.js) stack, which is a popular combination of technologies for full-stack web development. It includes a range of features that are similar to those of Medium, a popular online publishing platform, which allow users to like, share and save contents, also listen in audio format

See the repo at <https://github.com/bamlakugetachew1/Blogs>

- **User Authentication:** Implemented secure user registration, login, and JWT-based session management.
- **Article Creation & Editing:** Enabled rich-text article creation and editing with Markdown support.
- **Tagging & Search:** Integrated tagging system and full-text search for content discovery
- **API Design:** Created RESTful APIs to handle CRUD operations for users, articles, and comments.
- **State Management:** Utilized Redux for managing application state across components.
- **Security:** Protected against common web vulnerabilities like XSS and CSRF