NAOL KECHA GEDA

Software Engineer

CONTACT INFORMATION

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ABOUT ME

A skilled and dedicated software engineer with expertise in the MERN (MongoDB, Express.js, React, Node.js) stack and a solid foundation in networking and cyber security. Experienced in building robust, scalable, and efficient web applications, leveraging modern JavaScript technologies and secure coding practices.

EDUCATION

1. BSC in Software Engineering | 2019 - 2024 | [Addis Ababa University](#), Addis Ababa, Ethiopia

Attended Courses: Data Structures and Algorithms, Object Oriented Programming, Computer Graphics, Computer Architecture and Organization, Operating Systems, Mobile Programming, Web Development, Fundamentals of AI, Enterprise Systems and Network Security, Software Project Management, Machine Learning and Big Data, Cloud Computing, Penetration Testing, Malware Analysis, System Audit and Compliance.

WORK EXPERIENCE

1. Full Stack Developer | Nanosoft PLC | Sep 2024 – Present

- Developed dynamic web and mobile applications using the MERN stack and Flutter, ensuring seamless user experiences across platforms.
- Built responsive, interactive front-end components with React.js and optimized RESTful APIs using Node.js and Express.js for enhanced performance.
- Developed robust mobile apps with Flutter, focusing on performance optimization and smooth cross-platform functionality

2. Python Developer, Remote Outsource | Turing | Feb 2023 – Oct 2024

- Trained in identifying and correcting model flaws to improve trajectory accuracy and gained hands-on experience in Python programming.
- Evaluated model flaws and collaborated with developers to optimize and ensure accuracy.

3. Cyber Security Intern | e-Tech SC | March – June, 2023

- Conducted web application penetration testing to identify and exploit vulnerabilities, using techniques like SQL injection, XSS, and CSRF.
- Proficient in security tools and frameworks, including Burp Suite, OWASP ZAP, and other industry-standard environments.

4. Website developer | Jupiter Tech Institute | 2022

- Developed and maintained dynamic, responsive web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Built and optimized RESTful APIs with Node.js and Express.js for data handling and server-side logic.

PROJECTS

1. Imala Tariff Management System | Spring Boot, HTML, CSS, JS, MySQL | [Project Github Link](#)

 - A web app enabling passengers to check tariffs, manage accounts, and report illegal fare hikes. It uses MySQL to store station tariffs, city tariffs, user details, and traffic officer data. Features separate login interfaces for users and officers, with authentication and authorization

2. Blockchain Based DRM | MERN Stack, Blockchain, Ethereum | [Project Github Link](#)

- A blockchain-based DRM system was built to control and sell digital resources like music, video, and eBooks. The website was implemented using the MERN stack, and blockchain technology was used to manage rights and ensure secure access to digital products.

3. Patient registration and Appointment scheduling system | Flutter, Node JS | [Project Github Link](#)

- A mobile app for scheduling appointments, managing medical records, and tracking medications. Patients receive notifications for schedules, results, and prescriptions, while doctors and pharmacists manage records and medication availability.

4. Jupiter tech website | MERN Stack, MySQL | [Project Github Link](#)

- The website for Jupiter Tech includes a student registration system and an admin panel. It allows students to register for courses and access relevant information, while the admin panel enables administrators to track registrations, and perform other administrative tasks effectively.

TECHNICAL SKILLS

Programming Languages: JavaScript | Java | Python | C++ | Dart   **APIs**: RESTful API

Frameworks: HTML5 | CSS3 | React | Flutter | Nodejs   **Databases**: MySQL | MongoDB

Techniques: Code optimization | Technical Documentation | Project Management | Agile software development

SOFT SKILLS

- Problem-Solving, Collaboration, Attention to Detail, Time Management, Continuous Learning, Adaptability, Leadership

SOFTWARE AND TOOLS

- Git |GitHub | Slack | Figma | VS Code | Burp Suite | OWASP ZAP | Jenkins| Docker