Ahmed Abdelmonem

FULL STACK SOFTWARE DEVELOPER

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Energetic and adaptable full-stack software developer with over 4 years of hands-on experience in designing, developing, and deploying web applications. I am committed to building robust software systems and thrive in collaborative environments, applying software engineering concepts throughout the development lifecycle. I am highly motivated to learn and stay abreast of the latest technologies, ensuring that I bring innovative and cutting-edge solutions to every project.

Experience

2023 _ AUGUST 2024 _ JANUARY – PART-TIME
Full Stack Developer | Almaham Holding | Dubai, UAE | https://almaham.ae

- Reviewed code, debugged problems, and corrected issues.
- Analyzed existing software implementations to identify areas requiring improvement.
- Developed functional databases, applications and servers to support websites on back-end.
- Collaborated with back-end developers to design APIs.
- Utilized NodeJS, ORM and SQL/No-SQL to develop and manage databases.
- Created unit test cases for testing and automation.

2022 _ AUGUST TO 2023 _AUGUST – FULL-TIME
Backend Engineer | Lemon labs | Khartoum, Sudan

- Design and implement complex features in microservices environment.
- contribute to maintaining a huge codebase with a lot of integrations.
- Evaluated and adopted new tools and technologies to achieve company-level goals.
- Developed and maintained core product services, libraries and frameworks.
- Improved performance and reliability of databases, web services and other integrations.
- Working closely with protocols like GRPC, Sockets, HTTP to deliver messages and to communicate to other services.
- Optimize services performance using concepts and technologies like caching and database indexing.

2018 _ OCTOBER 2022 _JULY – FULL-TIME
Full Stack Developer | Smart Node | Khartoum, Sudan

- Collaborate with the team to build the backend for the platform using NodeJS and technologies like MySQL including systems like video uploading, exams, teachers, and courses management.
- Implemented the front-end part of the system as an interactive portal to manage statistical charts, and handle data visualizations.
- Estimated project scope and worked with PM team to forecast milestones and timelines.
- Oversaw system testing and validation procedures to automate functionality and establish reliability.
- Assisted project managers in understanding client requirements and planning technical solutions.

Education

MAY 2019
Bachelor's Degree Information Technology | Almanara collage

Skills

- **Languages**: JavaScript, Typescript, PHP, HTML, CSS, jQuery, Git, Linux
- **Frameworks/ libraries**: Nodejs, Express, Nest.js, React.js, Angular, AngularJS, Laravel, Bootstrap, JWT, Socket.io
- **Full Stack**: MEAN Stack (MongoDB, Express.js, Angular, Node.js)
- **Development**: Sprint Planning, Microservice Stacks, API Design and Development, GraphQL
- **Continuous Integration/Continuous Deployment (CI/CD)**: GitLab CI/CD
- **Databases**: SQL, MySQL, MongoDB
- **Cloud Services**: Currently learning Amazon Web Services (AWS)
- **Methodologies**: Agile/Scrum
- **Other**: Design Patterns and Principles, Code Reviews, Debugging and Troubleshooting, Experienced with Advanced Metering Infrastructure (AMI)
- **Soft Skills** Fast Learning, Teamwork, Communication, Collaboration, Leadership
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Hobbies and Interests

- Learn the Engineering skills to solve more complex backend problems in large scale systems
- Exploring technologies such as message brokers, caching systems, indexing/searching engines like Elasticsearch.
- Studying big data engineering including warehousing ELT pipelines, Apache Hadoop etc.

Languages

- Arabic mother tongue
- English Professional