

MASUM AHMED

Full Stack Developer

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Melandaha, Jamalpur, Bangladesh - 2012

WORK EXPERIENCE

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| October 2023 July 2023 | <div>Software Engineer (SDE-I)</div> <div>Daniyal Technologies, Dhaka, Bangladesh</div> <div><div>Worked on and enhanced several robust E-commerce Systems, catering to a user base of over 50,000 users. Examples include Jars, Transaction Bee, Dispo, Hyman, MacPharms, HGSHYDR.</div><div>Engaged in the development of an innovative appointment system tailored for service providers in industries such as spas and doctors. Contributed to the digital transformation of an insurance company, exemplified by the project LA Insurance.</div><div>Ensured the maintenance of clean code using cutting-edge technologies, including NextJS app router, Zustand, Tanstack Query, Toastify, and Tailwind CSS for both main websites and administrative panels.</div><div>Utilized VueJS for certain admin panels to optimize functionality.</div><div>Employed NestJS with MongoDB or MySQL as the backend stack for efficient system architecture.</div><div>Implemented various technologies, including Puppeteer, UPS integration, Nodemailer and API-based Mailgun using Handlebars templates, Swagger for API documentation, NMI Payment Gateway, Amazon ElastiCache, and other innovative solutions.</div></div> <div><div>TypescriptNext.jsNest.jsVue.jsUPS</div><div>NMI Payment GatewayZustandTailwindd3MongoDBMySQL</div><div>DigitalOceanVercel</div></div> |
| June 2023 May 2021 | <div>Full Stack Developer</div> <div>CodexPro GmbH, Schaumburgallee 7, 14052 Berlin, Germany</div> <div><div>Collaborated with UX designers to create and implement reusable, custom, and 3D components using raw CSS and Tailwind, enhancing the user interface of CodexPro (for Kids).</div><div>Spearheaded the development of a robust Learning Management System (LMS), catering to over 2,000 enrolled users.</div><div>Integrated Premium Vimeo, PayPal and GeoLocation APIs, Webhooks, Mailgun, Mailchimp, and PushEngage Notifications for a seamless user experience.</div><div>Developed a comprehensive admin panel overseeing 3,000+ users, featuring advanced functionalities such as an Attendance and Class video uploading system, automated payment invoices, vouchers, SmartCalendar with daily activities, Statistics, Email and Notifications Management System.</div></div> <div><div>TypescriptNext.jsNest.jsSwaggerPuppeteerTanstack Query</div><div>ZustandTailwindBootstrapd3PayPal</div><div>VimeoMongoDBAWS S3CloudfrontDigitalOceanVercel</div></div> |
| April 2021 December 2020 | <div>Backend Developer</div> <div>InnovexIT, Sylhet, Bangladesh</div> <div><div>Collaborated in designing a scalable database architecture and crafting REST APIs to serve a global user base exceeding 5,000 users for Umediad.</div><div>Implemented multi-language support, integrated Stripe for payment processing, leveraged Maps JavaScript API for location-based features, incorporated Google Translate API, enabled social logins (Google, Apple), and facilitated real-time communication among users through a robust chat system powered by Socket.IO.</div></div> <div><div>Express.jsReact.jsBootstrap</div><div>MongoDBStripeHostPapa VPS</div></div> |

EDUCATION

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| September 2021 February 2017 | <div>B.Sc. in Computer Science and Engineering</div> <div>Shahjalal University of Science and Technology, Sylhet.</div> <div>CGPA : 3.63 / 4.00</div> |
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SKILLS

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| Programming Languages | Javascript (Fluent), Typescript (Fluent), Python (Fluent), C++ (Competent), PHP (Competent) |
| Frameworks | React.js, Next.js, Express.js, Nest.js, ReactNative, Laravel |
| Tools, OS & Interests | Git, Bash, MongoDB, PayPal, Vimeo, Docker, EC2, DigitalOcean, MySQL, Linux, MacOS, TeX |

RESEARCH & PROJECTS

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| <div>LINGUISTICS ANALYSIS OF ENGLISH BANGLA MACHINE TRANSLATION</div> <div>github.com/masumahmedeesha/Linguistics-Analysis</div> <div>An analysis of possible linguistics features for all available English ↔ Bangla Parallel corpora using Statistical Machine Translation, state-of-art Neural Machine Translation, and a novel neural Lemmatizer to find errors in translating from Bangla to English and English to Bangla.</div> <div><div>Python</div><div>TensorFlow</div><div>SMT</div><div>NMT</div></div> | 2020 - 2021 |
| <div>MAMMUTS : ONLINE DIARY</div> <div>github.com/masumahmedeesha/Mammuts-ReactNative PlayStore</div> <div>A cross-platform social application built for an Italian Client as a freelance developer that allows users to create a social profile, make friends and share a memory with Photos and Recordings in Private/Public mode.</div> <div><div>ReactNative</div><div>Javascript</div><div>PHP</div></div> | 2020 |