Azim Ansari

(Node.js Developer)
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PROFILE

Node.js Backend Developer with over 4.7 years of experience at NativeByte Software LLP, specializing in backend development with Node.js, MongoDB, Express, MySQL, GraphQL (1.5+ years), and Socket.IO. Developed and architected systems for UPSC and network marketing concepts, demonstrating proficiency in core software engineering principles and system design.

EDUCATION

MIT Muzaffarpur, Aryabhatta Knowledge University Patna *Patna, India*
Bachelor of Technology *(B. Tech)-CGPA: 7.38* 2015 – 2019

Rajendra College Chapra, Saran, Bihar Saran, Bihar
Intermediate *(I.sc)-percentage: 75.00* 2012 – 2014

Kisan Mazdoor High School, Tari Bazaar *Siwan, Bihar*
10th *-percentage: 80.20* 2012

SKILLS

Technical: Node.js, Express, JavaScript (ES5, ES6), GraphQL(1.5+ years), TypeScript, Socket.IO, React, MongoDB, MySQL, Python, Asynchronous Programming (Callbacks, Promises, async/await), RESTful API Development, Event-driven Architecture, File System (fs module), Streams and Buffers, Data Validation & Sanitisation, Schema Design & Normalization, Error Handling & Logging, ORM/ODM (e.g., Sequelize, Mongoose), Third-party APIs Integration, Payment Gateway APIs, Web Development
Tools: Git, AWS (S3, EC2, SNS, SES), Docker, Jenkins, Swagger, PM2, NGROK, etc.

EXPERIENCE

NativeByte Software LLP *Noida, India*
SDE 1 **09/2023 - Present**

- Engineered RESTful APIs using Node.js and Express, enhancing the system's scalability and handling a 50% increase in user transactions for NativeByte Software LLP.
- Forged JavaScript load testing scripts, continuously tracked performance metrics, and resolved critical bottlenecks, improving application response times by 40% and reducing server costs by 15%.
- Piloted the migration of three monolithic applications to a microservices architecture, resulting in a 30% decrease in deployment times and identified findings to fix the three biggest causes of crashes.

EDevlop *Bhubaneswar, India*
Node JS Developer **06/2023 - 08/2023**

- Developed and maintained scalable backend systems using Node.js, Express, and MongoDB, significantly contributing to high-performance application solutions.
- Engineered real-time modules based on Socket.IO, reducing latency and enhancing system reactivity under heavy user load.
- Designed RESTful APIs and optimized database interactions with MySQL and MongoDB, achieving a 25% reduction in query latency and improving overall system throughput.

SoluLab *Ahmedabad, India*
Node JS Developer (Backend) **05/2021 - 05/2023**

- Built scalable RESTful APIs with Node.js and Express, contributing to a robust and maintainable application architecture.
- Architected and implemented high-performance backend systems using Node.js, MongoDB, MySQL, Web3, and Socket.IO, ensuring solutions delivered real-time capabilities.
- Applied core software engineering principles and system design best practices, resulting in a 20% improvement in code quality and application performance.

AttainU *Bangalore, India*

MERN STACK MENTOR   **01/2021 - 04/2021**

- Led and mentored a team of developers in building scalable, production-grade web applications using the MERN stack and Python, enhancing performance of project deliverables.
- Championed a hands-on, full-stack training program, resulting in the placement of 15 junior developers into project teams within three months of completing the course, exceeding expectations.
- Demonstrated profound understanding of system design and data structures by applying them to backend logic, API design, and performance-critical modules.

AttainU   *Bangalore, India*
Software Trainee   **01/2020 - 01/2021**

- Completed intensive, hands-on training in the MERN stack (MongoDB, Express.js, React.js, Node.js), specializing in backend development of full-stack web applications.
- Catalyzed the creation of five complete full-stack applications using REST APIs, React UI components, and MongoDB.
- Enhanced algorithmic skills by continuously practicing data structures and algorithms with Python, applying principles across real-world projects for improved performance.

PROJECTS

VUENOW   *NativeByte*

- Engineered and maintained the VueNow platform with Node.js, MongoDB, and Express, delivering a secure and scalable cloud-based art center powered by a microservices architecture.
- Blended third-party APIs like Razorpay for seamless payment processing, ensuring secure transactions within the platform.
- Utilized Redis for efficient caching, improving application performance and reducing latency in real-time operations.
- Implemented AWS SNS and SES for robust notification and email communication across the platform.

UPSC-SITES-RENEW   **EDevlop-** *NativeByte*

- Improved a system for gate pass entry and exam hall ticket generation, ensuring secure and efficient management of access and ticketing.
- Utilized Node.js, MongoDB, and Express to build a scalable backend system for processing requests and storing data.
- Managed version control and collaboration using Bitbucket for efficient code management and team coordination.

DLCC   **SoluLab**

- Enhanced buy and sell functionality for cryptocurrency within a trading web application, enabling secure and efficient transactions.
- Utilized Node.js, MongoDB, Express, and Socket.IO to build a real-time, scalable backend system for cryptocurrency trading.
- Merged third-party APIs for real-time crypto price data and implemented Anchorage APIs for secure cryptocurrency transfers in the backend.

SLM (SUNNY-LENDING-MORTGAGE)   *SoluLab*

- Developed backend services using Node.js, MongoDB, Express, and third-party APIs to support mortgage loan application lead generation and processing.
- Merged third-party APIs to streamline loan application workflows and improve the overall user experience.
- Enabled platform scalability to process commercial loans across the continental U.S., supporting operations in multiple states.

COIN-VALUATION   *SoluLab*

- Developed a platform for buying and selling coins and notes, utilizing Node.js, MongoDB, Express, and Web3 to enable seamless transactions.
- Incorporated Python and Machine Learning APIs to implement price verification and ensure accurate pricing within specified ranges.