Abishek Kumar

Contact

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Skills

Programming & Development
- Node.js, Express.js, JavaScript, TypeScript, Python
- RESTful APIs, Microservices, Data Migrations

Databases & Cloud
- PostgreSQL, MongoDB, Redis
- AWS

DevOps & Tools
- Docker, GitHub, CI/CD
- API Testing (Postman, API Dog)

Project Management & Methodologies
- Agile, ClickUp

Education

Bachelor Of Technology (B.tech)

Bapatla Engineering College, Bapatla
2020-2023 | CGPA 8.01
Electrical & Electronics Engineering (EEE)

Certifications

- AWS Certified Cloud Practitioner - AWS
- Node.js Certification - HackerRank
- JavaScript Certification - HackerRank
- Introduction to SQL Certification - Coursera
- Cloud Computing Certification - PrepInsta
- ClickUp Expert Certification
- ClickUp Verified Power User
- Communication Skills Certification - TCS iON
- Accenture Data Analytics and Visualization Certification - Forage
- Cognizant Agile Methodology Certification - Forage

Languages Known

English, Hindi, Telugu

About Me

Software Developer with **2+** years of experience in a product-based company. Skilled in **Node.js**, **TypeScript/JavaScript**, **PostgreSQL**, **MongoDB** and **AWS**. Have a solid understanding of **RESTful APIs**, **Microservices** and **Data Migrations**. Passionate about making a meaningful contribution to a collaborative team.

Professional Experience

Associate Software Engineer at CareMonitor

Sydney, Australia (Remote)   **May 2023 - Present**

- Developed **RESTful APIs** using **Node.js** and **Express.js** for patient management, appointment booking and program management in a healthcare platform.
- Developed & Executed data migration scripts using **Node.js**, **TypeScript** and **PostgreSQL**, successfully migrated 5,000+ assessments and 43,000+ clinical metrics.
- Worked with **AWS Services (S3, EC2)** and automated S3 data management using custom scripts.
- Integrated **AWS SES** to send transactional emails such as user signup and password reset.
- Designed ER Diagrams for relational database schemas.
- Integrated Dockerized services into CI/CD pipelines.
- Performed API testing using Postman & API Dog.

Projects

Patient & Programs Management System (Developed for CareMonitor)
- A backend system for managing patients, programs and metrics, built using **Node.js**, **Express**, and **PostgreSQL**.
- Developed CRUD-based **RESTful APIs** for patient registration, program tracking, and clinical data logging.
- Implemented database indexing & query optimization.

Appointment Scheduler Module (Developed for CareMonitor)
- A real-time scalable appointment scheduling module with dynamic slot availability.
- Developed **RESTful APIs** for booking, updating, and canceling appointments.
- Optimized database queries, reducing response times by 20%.

Tour Web Application (Natours) - Project Link: Project Link
- A full-stack tour application with **RESTful APIs**, filtering, **JWT auth**, user management, and email integration using **AWS SES.**
- Implements security measures (DDOS, XSS, brute force) and CI/CD deployment via **Heroku**.

Recipe Web Application (Forkify) - Project Link: Project Link
- Recipe app using an external API for search, pagination, dynamic updates, bookmarks, and recipe uploads.
- Uses **Local storage**, **AJAX**, and CI/CD deployment via **Netlify**.

Mapty Web Application- Project Link: Project Link
- Tracks running & cycling workouts using the **GeoLocation API** & **Leaflet** with dynamic map markers and persists data via Local storage.