

FEECON B.

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Skills

- React, Express.js, Javascript, Node.js, MVC, Visual Studio, Git, postman, REST API, Docker, AWS, PostgreSQL

Experience

Backend Engineer, Verisys

Feb 2024 - Present

- Core contributor in migrating a legacy Ruby on Rails web crawler to a Node.js microservices architecture, enabling modular development and independent scaling of API and worker services.
- Redesigned RESTful APIs with Node.js I/O, improving concurrency by 30% and reducing API response times by 40%.
- Built scalable Express.js services and BullMQ-based worker processes to handle crawl jobs, increasing throughput and cutting infrastructure costs by 25%.
- Implemented proxy rotation, headless browsing (Playwright), and data transformation pipelines, boosting crawl success rate by 35%.
- Optimized memory and resource utilization, allowing each server instance to support 5× more concurrent crawl jobs compared to the Rails monolith.
- Enhanced maintainability by separating API, worker, and storage concerns, reducing deployment overhead and simplifying scaling strategies.
- Leveraged Redis, PostgreSQL, and Amazon S3 for queue management, persistence, and cloud storage integration, ensuring reliability and data accuracy.

Associate, PwC

Apr 2021 - Jan 2024

- Led full-stack development of a caregiver platform, enhancing internal user adoption by 20% through intuitive features and robust workflows.
- Designed and scaled RESTful APIs supporting 50k+ users and implemented WebSocket-based real-time communication for improved interactivity.
- Mentored junior engineers, establishing code review standards that elevated code quality and delivery consistency.
- Actively participated in Agile sprint planning, reducing story spillover by 25% and improving sprint predictability.

Software Intern, Capgemini

Jun 2020 - Oct 2020

- Gained hands-on experience with JavaScript, building dynamic web functionalities and interactive components.
- Collaborated with mentors on small projects, understanding full-stack development workflows and best coding practices.

Projects

[Excel Form Processing Automation Tool](#)

- Automated Excel-to-JSON conversion with dynamic template structure detection — 85% reduction in manual processing time
- Implemented robust form matrix mapping system handling 1000+ forms with placeholder replacement — 300% increase in processing capacity
- Built modular ES6+ architecture with optimized logging and memory management — 45% faster development cycles
- Tech Stack [Node.js, JavaScript, File System Operations, Regular Expressions, Data Transformation]

[Web Crawler \(Personal Project\)](#)

- Designed microservices in Node.js for API handling, job orchestration, and crawling workers.
- Implemented BullMQ + Redis queues to manage thousands of concurrent crawl jobs efficiently.
- Used Cheerio and Playwright for lightweight HTML parsing and handling JavaScript-heavy sites.
- Ensured data reliability with PostgreSQL persistence and retry logic for failed jobs.
- Tech Stack [Node.js, Express.js, BullMQ, Redis, PostgreSQL, Cheerio, Playwright]

[AI-Powered - Text Generator](#)

- Built a dynamic, responsive interface with token support up to 128k for large-scale text generation.
- Integrated LLaMA 3 models to generate high-quality, context-aware bios with minimal user input.
- Optimized API calls and token handling to ensure smooth performance and scalability.
- Tech Stack [Next.js, TypeScript, Groq, OpenAI, Shadcn UI]

Education

ITER, Siksha O Anusandhan University, BE/B.Tech/Bs

2020

Achievements

[AWS Solution Architect Associate - SAA 03](#)