

Sobeban Ali Software Engineer

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PROFESSIONAL EXPERIENCE

- Founding AI Engineer**, Capri AI Nov 2023 – present | Georgia, US (Remote)
- Mastering **Generative AI** with **OpenAI, Claude, MistralAI, Groq, Llama, Langchain, Hugging Face, LlamaIndex, AWS Bedrock, Vector Database** and **Graph Database** more with a **team of 4 Amazing Engineer**.
 - Demonstrating **proficiency** in **Node.js, Python, NestJs, FastAPI, MongoDB and Neo4j** specializing in the **development and management of RESTful APIs**.
 - Leading the integration of third-party applications**, successfully incorporating a wide range of external services into our app.
 - Significantly **improved the performance** of existing **application** by integrating advanced techniques with **LangChain, LlamaIndex** contributing to more **optimised prompt, output length** and efficient **data extraction** and **processing**.
 - Spearheading user support efforts** as the **primary point of contact** for addressing user issues, ensuring timely and effective resolution of concerns and fostering positive user experiences
- Backend Developer**, Little SaaS, Inc Nov 2022 – Nov 2023 | Delaware, US (Remote)
- Engineered **robust RESTful APIs** using **Node.js, Express, TypeScript**, and **AWS DynamoDB**, significantly enhancing **system performance** and **user experience**. Adopted **Test-Driven Development** with **Jest**, achieving a **75% reduction** in manual testing time and a **30% decrease** in bug reports.
 - Spearheaded the Backend Development efforts**, working closely with a talented team consisting of **1 Frontend Developer and the CTO**. Collaborated effectively to deliver high-quality solutions and drive the project's success.
 - Developed a **highly optimized, multi-node Meilisearch microservice** for **Pitchground.com**, resulting in a **50% increase** in search speed and a **45% improvement** in search accuracy. Also built a **Content Structure microservice**, crucial for both **Firstsales.io** and **Pitchground.com**, which streamlined complex **content management** processes.
 - Built a **robust and efficient multi-SMTP email microservice** using **Nodemailer** for **Firstsales.io**, which improved **email deliverability** and **cut bounce rates by 30%**. These enhancements significantly contributed to a more **reliable and effective communication system**.

EDUCATION

- Full Stack Web Development**, Masai School Feb 2022 – Oct 2022 | Bangalore, India
- B.Tech in Electronics and Communication Engineering**,
Central Institute of Technology 2018 – 2023 | Kokrajhar, India

PROJECTS

- CloudPyDeploy**, TypeScript, AWS CDK An end-to-end solution for **deploying Python web applications** using **AWS Cloud Development Kit (CDK)**. It simplifies infrastructure setup, including **EC2, VPC, CI/CD pipelines**, and **IAM roles**, for a seamless and **automated deployment** experience.
- NoteFlow**, TypeScript, NestJs, MongoDB An **NestJS**-based RESTful API for efficient note management. It features secure **user authentication**, **CRUD** operations for notes, and a **sharing function**, all within a scalable, secure framework
- SyncBridge**, TypeScript, ExpressJS An **Express.js** app that **integrates Google Calendar, Notion, and Airtable**, offering features like **event management, data synchronization**, and **record handling** with a focus on secure, efficient API interactions.
- TaskSyncer**, JavaScript, ExpressJS An **Express.js** application designed to **authenticate webhook events, process Asana task updates, and create corresponding records in Airtable**, ensuring seamless task **synchronization** and **data integrity**.
- InvestHub**, A NodeJs application for connecting shareholders and investors, as well as facilitating company updates and notifications using **JWT Auth, Google Auth, Role based Authorization, CRUD, Notification Service with AWS SNS**
- Book Store**, A Golang web app for book management using **PostgreSQL**
- Blog App**, A Ruby on Rails web application that allows users to perform basic **CRUD** on **Blog**

SKILLS

Languages TypeScript, JavaScript, Python, JAVA, Golang, Ruby on Rails	Frameworks Node.js, Express.js, Nest.js, FastAPI, Langchain, LlamaIndex	Skills Agile, TDD, Unit testing, Micro-services, CI/CD, Hugging Face, Meilisearch
Database AWS DynamoDB, ScyllaDB, MongoDB, Neo4J, PineconeDB, MySQL, PostgreSQL	Soft Skills Problem Solving, Leadership, Time Management, Flexibility, Collaboration	Tools Git/Github, Postman, AWS, Docker, Jira