AKSHAT GUPTA

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Passionate about backend development, I excel in Go, NodeJS, and Python. I'm a quick learner, team player, and leader. Looking for opportunities to broaden my expertise and grow my skill set.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY   **VELLORE, INDIA**
*Bachelor of Computer Science and Engineering (***CGPA:** 9.14**)**   July 2022 – July 2026

R.N. PODAR SCHOOL   **MUMBAI, INDIA**
*Physics, Chemistry, Math, Computer Science (***Class 12:** 92%)   April 2018 – April 2022

WORK EXPERIENCE

GOVGPT (Trademarkia)   **REMOTE**
Backend Developer Intern   January 2024 – May 2024
- Developed the backend of an application to be used by US police using **Flask** and **GoLang**, using **Timescale DB** as the database and **OAuth2.0** for user authentication.
- Converted **GraphQL** database logic from **NodeJS to GoLang** for improved performance.
- Developed a program which filters PDFs containing multiple emails along with hyperlinks into separate entities.
- Maintained and upgraded the legacy codebase written in NodeJS, implementing better spam and profanity filters.

VOXVERTEX   **REMOTE**
Backend Developer Intern   June 2024 – August 2024
- Developed the backend of a mobile application using **GoLang** (**Gin** framework), **PostgreSQL** and **Docker**,
- Implemented functionalities such as **Payments**, **Google Calendar** integration, **OAuth2.0** and **instant messaging**.

ORGANISATIONS

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS (SIAM), VIT   **VELLORE, INDIA**
Technical Chairperson   September 2023 – Present
- Oversee operations, including code reviews and sessions on GitHub, Web Development, and Competitive Coding.
- Organized "Bug Hunt" event with Python, C, and C++ challenges of varying difficulties.
- Hosted events for 200+ participants in VIT's cultural fest, Riviera.

CODECHEF - VIT STUDENT CHAPTER   **VELLORE, INDIA**
Core Committee Member   March 2023 – Present
- Developed the backend for India's largest student-run hackathon, DevSoC 24', using **GoLang**, **Redis** and **PostgreSQL**.
- Led a backend development session on **ExpressJS** and **MongoDB**.
- Built backend for an e-commerce platform with NSFW filtering using **GoLang (Fiber)** and **OAuth2.0**.
- Developed backend for "CookOff 8.0" using **ExpressJS** and **Judge0 API**, hosting 200+ participants.

PROJECTS

Golang File Setup Extension (Link) (GitHub)
- **VSCode Extension** that initializes basic files and folder structure for Go frameworks (Gin/Echo/Fiber/Chi), including main.go, Docker files, and optional SQLx setup.

Blog API (GitHub**)**
- RESTful API built with **ExpressJS** and **MongoDB** for blog sharing. Features **JWT** authentication, **AWS S3** for image storage, and one-to-many relations between users and blogs.

Briefly (GitHub)
- Online tool for generating video summaries and transcripts.. Backend in **Python/Django**, with a frontend by a team member. Hosted on Replit.

SKILLS

Languages: GoLang, Javascript, Python, SQL, GraphQL, C++, C, R, Java, HTML, CSS
Frameworks: Gin, Echo, GoFiber, Chi, ExpressJS, Django, Flask, ReactJS
Tools: AWS (S3, EC2, ECS), Docker, JWT, OAuth 2.0
Certificates: **AWS Cloud Practitioner**, LCM Grade 7 - London College of Music Examinations