#### Ganeshan Sudhakar

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# **Professional Summery**

- 4+ years of experience as a Python Developer, specializing in backend development, automation, and data processing.
- Proficient in Python, Django, Flask, FastAPI, and cloud technologies like AWS.
- Strong knowledge of Data Structures and Algorithms (DSA) for optimized problemsolving.
- Experienced in designing RESTful APIs and integrating third-party services.
- Passionate about writing clean, efficient, and scalable code with a focus on software design patterns and best practices.
- Hands-on experience in SQL (MySQL, PostgreSQL) & NoSQL (MongoDB) databases.
- Strong debugging, problem-solving, and analytical skills.

### **Technical Skills and Tools**

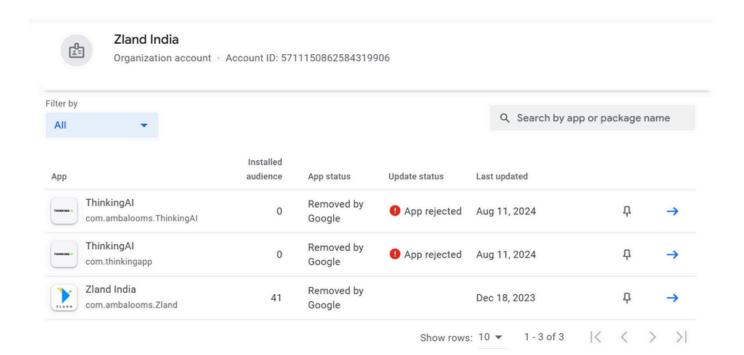
Languages:	Python, SQL, JavaScript
Web Frameworks:	Django, Flask, FastAPI
Databases:	MySQL, PostgreSQL, MongoDB
Cloud & DevOps:	AWS (EC2, S3, Lambda), Docker, Kubernetes
Version Control:	Git, GitHub, Bitbucket
Testing Tools:	PyTest, Selenium
Others:	REST APIs, OAuth 2.0, JWT, WebSockets

### **Professional Experience**

# Founder & Lead Developer – Thinking AI (2021 – Present)

- Designed and developed AI-driven applications and automation tools.
- Built and deployed scalable web applications using Python, Django, and AWS.
- Led the development of a personalized AI system that adapts to user behavior.
- Managed end-to-end project development, including full-stack development and cloud deployment.
- Integrated REST APIs, WebSockets, and third-party services like OpenAI API, Google API, and payment gateways.
- Worked on optimizing ML models, data pipelines, and backend services for better performance.

Website: <a href="mailto:thinkingai.in">thinkingai.in</a> | GitHub: <a href="mailto:github.com/yourgithub">github.com/yourgithub</a>
Product Demo: <a href="mailto:thinkingai.in">thinkingai.in</a> | LinkedIn Proofs: <a href="mailto:linkedin.com/in/ganeshansudhakar">linkagram</a> | AWS Projects: Available on request



### **Projects**

- Full-Stack Development: Built using Python (Django, FastAPI, Flask) for the backend and React.js, Next.js for the frontend.
- AI & Machine Learning: Integrated OpenAI API, PyTorch-based models, and a personalized recommendation engine.
- Cloud & DevOps: Deployed on AWS (EC2, S3, RDS, Lambda, CloudFront) with Docker, Kubernetes, and CI/CD pipelines.
- API & Integrations: Developed RESTful APIs with OAuth 2.0, JWT authentication, WebSockets, and third-party services (Google, WhatsApp, Stripe).
- Marketing & Growth: Executed SEO strategies, LinkedIn & Instagram marketing, and automated outreach via Python scripts.

### Education

Bachelor of Technology (B.Tech) in [Biotechnology]
Bannari Amman Institute of Technology, [2016-2020]

### **Soft Skills**

- Problem-solving & analytical thinking
- Team collaboration & leadership
- Strong communication & documentation

## Languages

- English
- Tamil