SARANYASANKAR

Developer ~ Engineer

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SUMMARY

I am a DevOps-focused Backend Developer Trainee with hands-on experience building scalable systems and automation tools. At Maantt Solutions, I contributed to real-world projects like TalentGauge, an internal evaluation and workflow optimization platform. I am open to global relocation. I am passionate about continuous learning, especially in DevOps practices, CI/CD pipelines, and system monitoring. I bring a growth mindset and a strong commitment to delivering impactful software solutions.

SKILLS

Core Skills:	Python, SQL.
Cloud:	AWS (EC2, Application Load Balancer, S3,IAM,Cloudwatch)
Backend:	Node.js, RESTful API Design, JWT Authentication,PostgreSQL.
Tools:	Git & GitHub,Postman

EXPERIENCE

07/2025 – Present **Maant Solutions**   **Software Developer Trainee**

- Developed backend APIs and authentication systems using Node.js, Express, JWT, and MongoDB.
- Contributed to Food Delivery Application and TalentGauge Internal Project, including scoring automation and workflow optimization.
- Automated report generation workflows and implemented dashboard features.
- Supported backend integrations, improved execution flow, and collaborated with team for debugging and optimization.
- Gained hands-on experience with REST API development, SQL, cloud services (AWS EC2, S3, IAM, Lambda), and CI/CD basics.

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Python  /  Node.js  /  PostgreSQL  /  REST API  /  AWS
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PROJECTS

TalentGauge – AI-Assisted Project Evaluation System

Developed an intelligent project evaluation platform using Python and SQL, with GitHub Copilot assisting in faster backend development and code automation. Designed evaluation logic to process project inputs, calculate performance scores, and generate structured reports. Implemented secure REST APIs, automated PDF report generation, and stored analytics data using PostgreSQL. Built role-based access and dashboard logic to help managers review evaluations efficiently.

Tech Stack: Python, SQL, PostgreSQL, REST API, Automation, GitHub Copilot

Food Delivery Backend API – Python & SQL

Developed backend APIs for user login, restaurant data, orders, and cart management. Designed SQL tables and wrote optimized queries. Implemented authentication, pagination, and filtering with strong focus on clean backend structure.

Tech Stack: Python, Flask, SQL, PostgreSQL, JWT, REST API

EDUCATION

2021 – 2025	**Manakula Vinayagar Institute of Technology, Puducherry** CGPA: 8.34	**B.Tech – CSE**
2020 – 2021	**Achariya Siksha Mandir, Puducherry** Percentage: 83.5%	**HSC**
2018 – 2019	**Sri Sampourna Vidhyalam Higher Secondary School, Puducherry** Percentage: 76.5%	**SSLC**

LANGUAGES

English, **Tamil** - native