

# VIGNESH K

7/175 South Street, South Chezhiyanallur, Tirunelveli, Tamil Nadu 627352

[LinkedIn](#) | Email: vigneshvicky1911001@gmail.com | +917397164972

---

## SUMMARY

I am a skilled full-stack developer with expertise in creating scalable web and mobile APIs using Python FastAPI and developing cross-platform applications with Flutter. My backend experience includes SQL, gRPC, RabbitMQ, ELK stack, and Celery, while my front-end expertise covers iOS and Android development. I specialize in microservices architecture and leverage modern frameworks to deliver efficient, reliable, and high-quality applications.

---

## WORK EXPERIENCE

### Software Developer Agile Cyber Solutions, Nagercoil

Jan 2023 - Present

- Developed and maintained the **pricing\_rule API**, implementing advanced calculation logic that enhanced pricing accuracy by **30%**.
  - Optimized **booking APIs**, resulting in a **30%** reduction in response times for a seamless user experience.
  - Implemented the **ELK stack** (Elasticsearch, Logstash, Kibana) for centralized logging, boosting debugging efficiency by **50%**.
  - Demonstrated strong **debugging skills**, resolving complex microservice issues to ensure smooth operations and minimize downtime.
  - Enabled seamless client-server communication by building and integrating 5 key **APIs** with front-end functionalities.
  - Developed and maintained web and mobile APIs using **Python FastAPI and SQL**, ensuring scalability and robustness.
  - Built cross-platform applications with **Flutter** for iOS and Android, enhancing security and efficiency with **shared preferences, DIO, and HTTPS**.
  - Leveraged **gRPC** for microservice communication, reducing latency and improving system reliability.
  - Collaborated in an **agile environment**, participating in code reviews and sprint planning, accelerating high-quality software delivery.
- 

### Education

July 2019 - June 2023

University College of Engineering Nagercoil

- Bachelor of Engineering in Computer Science and Engineering (BE CSE)
- 

## ADDITIONAL INFORMATION

- Programming Languages:** Python, Dart
- Backend Technologies:** FastAPI, gRPC, RabbitMQ, Celery, SQL, Microservices
- Front-end Technologies:** Flutter, iOS and Android development, Shared Preferences, DIO, HTTPS, GetX
- Tools:** Git, Docker, ELK Stack, Debugging with VS Code