

# Sachinn P

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## EXPERIENCE

### WAY2SKILLS | BACKEND INTERN

Jan 2025 – Jun 2025 | Remote

- Engineered low-latency, async FastAPI services with precise attention to detail, well-structured API architecture, and clean RESTful design.
- Built scalable backend modules with strong testability, optimized MongoDB interactions, and refined data flows.
- Implemented JWT-based authentication to secure API access and enforce controlled identity flows.
- Participated across all product lifecycle stages-design, implementation, testing, optimization, and CI/CD-driven deployment.
- Collaborated with frontend teams and contributed to architectural decisions involving API versioning and seamless backend–frontend integration.
- Enhanced backend reliability through thoughtful data modeling, improved query performance, and observability-focused design.

### WEBSINO TECHNOLOGY | WEB DEVELOPER INTERN

July 2023 | Remote

- Delivered responsive, mobile-first UIs using HTML, CSS, and JavaScript with a strong sense of clarity and structure.
- Designed frontend patterns aligned with backend integration needs for smooth API consumption.
- Worked within collaborative Git and GitHub workflows, improving delivery consistency and code quality.
- Ensured secure, cross-browser-compatible interfaces built with modern standards.

## PROJECTS

### SOC AGENT WITH INTEGRATED SIEM | BACKEND DEVELOPER

- Designed an automated SOC agent integrating Wazuh SIEM, event correlation logic, and Azure cloud log aggregation.
- Implemented dynamic threat-detection workflows and automated incident-response mechanisms.
- Strengthened system reliability through observability, structured data flows, and robust backend orchestration.

### QUIZ APP | BACKEND DEVELOPER

- Built real-time FastAPI services integrated with a ReactJS frontend using async programming and optimized MongoDB query flows.
- Integrated LLaMA LLM with SDK and prompt-engineering logic for adaptive question generation.
- Implemented Firebase Authentication for secure user identity management, session validation, and controlled access to quiz endpoints.
- Designed scalable APIs with strong data modeling and clean contract definitions ensuring smooth frontend–backend coordination.

### ROADMAP GENERATION TOOL | BACKEND DEVELOPER

- Developed FastAPI services backed by MongoDB, applying efficient indexing and document-oriented data design.
- Integrated the Gemini model for context-aware academic recommendations powered by semantic cues.
- Designed modular, scalable API endpoints focused on performance, clarity, and long-term maintainability.

## EDUCATION

### KONGUNADU COLLEGE OF ENGINEERING & TECHNOLOGY

B.E., COMPUTER SCIENCE AND ENGINEERING  
2022 – 2026

CGPA: 7.9 / 10.0

### SRIVANIMATRIC.HR.SEC.SCHOOL HSC

2021 – 2022

Computer Science

Score: 85.6%

### SSLC

2019 - 2020

Score: 79%

## SKILLS

### Programming:

Python, Java, JavaScript, HTML, CSS, SQL

### Frameworks & Libraries:

FastAPI, ReactJS, Bootstrap

### Databases:

MySQL, MongoDB

### Tools:

Git, GitHub, VS Code, Postman, Azure

### Operating Systems:

Linux, Windows

## LINKS

[github.com/Sachinn-p](https://github.com/Sachinn-p)  
[linkedin.com/in/sachinn-p](https://linkedin.com/in/sachinn-p)  
[geeksforgeeks.org/user/sachin9x4a](https://geeksforgeeks.org/user/sachin9x4a)  
[leetcode.com/u/sachinn2413](https://leetcode.com/u/sachinn2413)

## INTERESTS

- Backend Development
- API Management
- Artificial Intelligence
- Cybersecurity

## CERTIFICATIONS & ACHIEVEMENTS

### Certifications:

- Postman – API Fundamentals.
- Microsoft – Azure Fundamentals (AZ-900).
- Guvi – Python Zero to Hero, Machine Learning 101.
- MongoDB – ICT Academy
- Kaggle – Pandas, Intro to Deep Learning.

### Achievements:

- Winner – HACK \$ DAY, Global Hackathon by 0xDay.
- 1st – Technical Quiz, Chettinad College of Engineering.
- 1st – Paper Presentation, Paavai College of Engineering.