

SABRIN S

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SUMMARY

Computer Science Engineering student (2026) with a strong foundation in backend development, REST API design, and database management. Solid understanding of OOP, SDLC practices, and collaborative development using Git and GitHub. Passionate about backend engineering with growing exposure to cloud and DevOps practices.

TECHNICAL SKILLS

Core: Python, Java, REST API Development, OOP, Data Structures, SQL, Backend Development

Frameworks: Django, Flask, Streamlit | ORM: Entity Framework (conceptual), Django ORM

Frontend: HTML, CSS, JavaScript

Databases: SQL: MySQL, PostgreSQL | NoSQL: MongoDB, Redis (conceptual)

ML & AI: Scikit-learn, Pandas, NumPy, TensorFlow

Tools & DevOps: Git, GitHub, Docker (basic), CI/CD (GitHub Actions), Render, PyCharm, IntelliJ IDEA | Cloud: Azure/AWS (conceptual)

EXPERIENCE

Python Developer Intern | Cybernaut Edu-Tech LLP (Remote)

Feb 2025 – May 2025

- Developed modular backend web applications using Python, applying Object-Oriented Programming, REST API design principles, and SDLC best practices
- Built and optimized backend components for file handling, data processing, and exception management, improving code reliability and performance
- Collaborated using GitHub for version control and code reviews, enhancing team productivity
- Documented technical workflows, wrote API documentation, performed code reviews, and contributed to feature enhancements following best coding standards

Salesforce Developer Virtual Intern | SmartBridge & SmartInternz (Virtual)

May 2024 – June 2024

- Completed an 8-week virtual internship covering Salesforce Trailhead modules including Salesforce Fundamentals, Organizational Setup, and Relationship & Process Automation
- Gained hands-on experience with Apex, Testing & Debugging, VS Code & CLI Setup, and Lightning Web Components (LWC) & API
- Earned Super Badges in Apex Specialist, Process Automation Specialist, and Developer Super Set

PROJECTS

AI Career Assistant Platform / <https://github.com/Sabrin-s/ai-career-django>

- Designed, developed, tested, and deployed a full-stack backend web application using Django (RESTful APIs) and MySQL, following scalable architecture and SDLC practices
- Implemented resume parsing using TF-IDF and cosine similarity to match candidates with jobs
- Built mock interview system with automated answer evaluation based on keywords and structure
- Deployed application on Render with end-to-end workflow integration

AI-Powered Medical Diagnosis Assistant / <https://github.com/Sabrin-s/AI-Powered-Medical-Diagnosis-Assistant-demo-git>

- Built a supervised machine learning model achieving 97% accuracy on medical symptom datasets
- Designed real-time prediction system with confidence scoring for user interaction
- Structured application using OOP principles for scalability and maintainability

Smart Resume Analyzer & Job Recommendation System

- Developed NLP-based web application using Streamlit, HTML, CSS, and JavaScript for resume analysis and job matching
- Implemented TF-IDF and cosine similarity to rank job relevance
- Generated personalized recommendations by identifying skill gaps in resumes

Secure Blockchain Based Voting System / <https://github.com/Sabrin-s/BlockchainVotingSystem-in-python.git>

- Developed blockchain-based voting system using Python ensuring secure and tamper-proof voting
- Implemented hashing techniques to maintain data integrity
- Prevented duplicate voting with validation mechanisms and added vote verification features

EDUCATION

B.E. Computer Science and Engineering

Mahendra Engineering College, Tamil Nadu

• CGPA: **9.03 / 10.0**

| 2022 – 2026

CERTIFICATIONS

- NPTEL Cloud Computing – Elite + Silver
- SnowPro Associate Certification
- Qlik Analytics Internship
- Salesforce Developer Virtual Internship – SmartBridge & SmartInternz, in partnership with AICTE (July 2024) | Certificate ID: SISFVIPAD2024-2553

LANGUAGES

English • Tamil • Hindi