# Sahil Solomon

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## PROFESSIONAL SUMMARY

- Passionate Backend Developer with hands-on experience in Python and Django, seeking to leverage strong programming fundamentals and project experience to contribute to scalable web applications. Demonstrated ability to learn new technologies quickly and work effectively in fast-paced environments.

## EDUCATION

**Christ Knowledge City** — Ernakulam, KL
*B.Tech in Computer Science and Engineering (72.3%)* — *2021 – 2025*

- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Web Development
- University: APJ Abdul Kalam Technological University

## TECHNICAL SKILLS

**Backend Development**: Python, Django, Django Rest Framework, SQL, API Integration (JSON)
**Development Tools**: Git, GitHub, Jupyter Notebook, SSH, Shell Commands
**Web Technologies**: HTML, CSS, JavaScript, PHP
**Other Skills**: SDLC, Code Review, Technical Documentation, Problem Solving

## PROJECTS

**Driver Behaviour Based Rating System** | *Django, PostgreSQL, REST API* — 2024

- Designed and implemented scalable backend architecture using Django and PostgreSQL
- Built RESTful APIs for seamless integration with frontend services
- Implemented efficient database queries and optimization techniques
- Followed SDLC best practices including documentation and code reviews

**Library Management System** | *Django, SQLite* — 2023

- Developed a full-stack application using Django framework with focus on clean, maintainable code
- Implemented complex database operations and CRUD functionality
- Created comprehensive API documentation and performed thorough testing

**Algorithm Visualizations** | *Python, JavaScript* — 2023

- Built efficient backend logic in Python for various algorithms
- Implemented REST API endpoints for frontend communication
- Optimized code performance and maintained documentation

## WORK EXPERIENCE

**Progressive Cybernetics Private Limited** — Ernakulam, Kerala
*Software Development Intern* — *2022*

- Worked on development using C, focusing on writing clean and efficient code
- Participated in code reviews and implemented feedback to improve code quality
- Collaborated with team members using version control (Git) and agile methodologies
- Gained practical experience in software development lifecycle and best practices

## CERTIFICATIONS

- 365 Data Science - Python Programmer Bootcamp
- 365 Data Science - Git and GitHub
- NPTEL Online Certification - Ethical Hacking
- 365 Data Science - Machine Learning with K-Nearest Neighbors