

NARAYANAN S

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Summary

Enthusiastic and detail-oriented Computer Science graduate with strong knowledge in programming, problem-solving, and database management skilled in Python, SQL, and web technologies with a keen interest in full-stack development. Eager to apply academic knowledge and project experience to contribute to innovative software solutions while continuously learning and growing in a dynamic work environment

Education

SRM University / Master of Computer Applications	April 2026 / GPA – 9.0
Guru Nanak College / Bachelor of Computer Applications	Aug 2024 / GPA – 7.1
Maharishi Vidya Mandir Higher Secondary School	May 2021 / 73%
Maharishi Vidya Mandir Higher Secondary School	March 2019 / 59.6%

Technical Skills

Languages: Python

Database: SQL

Web Development: HTML, CSS, JS, TailwindCSS, React JS

Tools: Visual studio, GitHub

Internship

Inspire Solution

Full stack Development Python & Django

- Designed responsive web pages using HTML, CSS and JavaScript. Enhancing user experience and improving interface usability.
- Developed backend functionality with python and Django, applying models, view, and templates to enable dynamic content rendering.
- Structured and optimized SQL databases, improving data retrieval efficiency by 25% and ensuring reliable data management
- Applied intermediate concepts such as form handling, user authentication, and session management, strengthening understanding of full stack workflow.

Projects

Online Bus Ticket Booking

- Designed and developed a modern, responsive user interface enabling users to search buses, filter routes, and book tickets easily across all devices.
- Implemented real time seat selection functionality with dynamic seat availability updates to prevent double booking.
- Developed secure user authentication and authorization system (Login, Logout) using Django
- Built RESTful APIs in Django to handle ticket booking system
- Integrated QR code-based e ticket generation system for secure ticket validation
- Implemented automated booking confirmation via downloadable e ticket (PDF Format)
- Designed and normalized the SQL database with proper realtionships (user, Buses, Routes, Seats, Booking, Payment)
- Optimized database queries to improve booking performance and reduce response time.
- Added booking history dashboard where user can view, download, or cancel ticket.
- Implemented admin panel for managing buses. Routes, seat layout, and booking records.

Certificates

- Full stack Development python and Django - Inspire Solution – June 2025
- Programming Essentials in python – ICT Academy – Dec 2022