

SHRUTHI S RAO

Bangalore, Karnataka

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”Information Science graduate learning software development, data analysis; leveraging Agile, SDLC, cloud tools.”

EDUCATION

Nitte Meenakshi Institute of Technology

2020 – 2024

Bachelor of Engineer in Information Science GPA : 8.7

Bangalore, Karnataka

TECHNICAL SKILLS

Languages/Databases: JavaScript, Python, SQL, MongoDB

Technologies/Frameworks: NodeJS, ExpressJS, ReactJS, Docker, Pandas, Numpy

Tools/Platforms: Object Oriented Programming (OOPS), VSCode, Git, GitHub, Postman, AWS, Docker Compose, Microsoft Excel, Microsoft Powerpoint, Power BI, Data Analysis, Data Visualization

Soft Skills: Fast Learner, Adaptability, Attention to Detail, Analytical Thinking

EXPERIENCE

Qineos Software Private Limited

Jul 2025 – Present

Software Developer Intern

Onsite

- Reduced rendering time by 75% using optimized SQL queries and advanced database management techniques
- Improved system performance by 40% through scalable Node.js architecture and industry-standard RESTful API design
- Collaborated in Agile environment, sprint planning, code reviews, and technical documentation throughout the SDLC.
- Learning Docker and Cloud technologies to strengthen deployment, scalability, and DevOps-related technical skills.

YantraByte - YBI Foundations

Nov 2024 – May 2025

Data Analyst Intern

Remote

- Designed interactive Power BI dashboards, improving decision-making efficiency by 35% overall to track KPI in real time
- Optimized SQL queries and database workflows, reducing data retrieval time by 60% consistently and reproducibility.
- Leveraged Python (Pandas, NumPy, Matplotlib) to process and visualize 1M+ records accurately ensuring data quality.
- Automated repetitive data processing tasks with Python scripts, cutting manual effort by 50% efficiently.
- Collaborated in Agile environment, contributing to sprint planning, peer reviews, and technical documentation deliverables for analytics workflows

PROJECTS

Asthika-Samaj-Aarthi-Software | *PHP, SQL, HTML, CSS, JavaScript, cPanel/GoDaddy* - [Link](#)

- Developed Aarthi Software, showcasing full-stack expertise with seamless scheduling, event tracking, and management.
- Integrated SQL-driven features for registrations, donations, bookings, improving temple operations efficiency by 40%
- Optimized SQL queries and responsive UI design, ensuring smooth seva booking transactions, accurate data handling.
- Deployed on cPanel GoDaddy hosting, guaranteeing system scalability, security, accessibility across multiple devices.

Alvas Pragati 2025 - Data Analysis | *Python, Power BI, Excel* - [Link](#)

- Developed Power BI dashboards for Alva's Pragati 2025, visualizing placement trends and company participation.
- Cleaned and preprocessed datasets using Python Pandas NumPy, integrating Excel for accurate multi-source analysis.
- Automated reports, saving 6+ hours of manual effort, enhancing placement analysis, supporting insight decisions.

IntervAI - AI-Powered Interview Platform | *NodeJS, ExpressJS, ReactJS, MongoDB, Redis, Docker, Cloud* - [Link](#)

- Contrived AI-powered interview preparation platform with real-time Q/A using WebSockets, demonstrating Skillset.
- Built real-time answer evaluation system with Redis caching, ensuring reliable performance and low latency.
- Secured builds through Docker container isolation, improving deployment reliability strengthening system architecture
- Deployed on AWS EC2 for scalability using DevOps practices and continuous integration methodologies in a team.

CERTIFICATIONS

- IBM Cognitive Class Skill Badges
- MasterCraft Data Plus - TCS
- Hackathon Event - APPMITRA
- Data Science and Analytics - HP
- IEEE - Best Conference Paper
- Developer Virtual Class-Accenture
- Introduction To Devops - AWS
- Basics of Cloud Computing - Udemy
- Data Analytics Bootcamp - Udemy