SHREE RAHUL S

Full Stack Web Developer | AWS Cloud Practitioner

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EXPERIENCE

Web Development Intern   Nov 2024 – Dec. 2024
Smart Qart   *Bengaluru, KA*
- Gained hands-on exposure to the development lifecycle of an e-commerce platform by closely collaborating with the development team.
- Learned practical skills in version control (Git), responsive UI design principles, and real-world agile workflows used by professional developers.

Research Internship   Apr. 2025 – May. 2025
Chennai Institute of Technology   *Chennai, TN*
- *Greening Cloud Services* – Reviewed energy-efficient cloud computing techniques, including VM migration, energy-aware scheduling, forecasting models, and renewable energy integration
- *Multi-Cloud Resource Allocation using Multi-Objective Reinforcement Learning* – Explored a Kubernetes-based MORL framework for cost-efficient, SLA-aware resource allocation across AWS, Azure, and GCP.

PROJECTS

Farmer Decision Support Platform 🔗 | *Node.js, Express, MongoDB, EJS, ML, Open-Meteo API, Gemini API*   Jan - Feb 2025
- Developed a full-stack AI app for farmers with crop planning, weather insights, and recommendations.
- Integrated Open-Meteo API and Gemini-powered chatbot with access to government schemes.

Agri Price Forecasting Platform 🔗 | *Node.js, Express.js, React, Python, ML, Flask, MongoDB, Agmarknet API*   Apr - May 2025
- Built a full-stack AI platform for 7-day crop price forecasting using SARIMA and LSTM on Agmarknet data.
- Developed a responsive UI with interactive charts for accessible and informed decision-making.

Workshops & Hands-On Learning(NtxWave)

- ✓ **AWS Cloud Computing** – Completed hands-on projects on cloud architecture and core AWS services.
- ✓ **GEN AI 2.0** – Gained practical experience in building and deploying generative AI models.
- ✓ **UI/UX Designing** – Created user-centric designs using modern UI/UX principles through interactive workshops.

ACHIEVEMENTS

- ✓ **Competitive Programming** – **LeetCode** - 600+ problems, max. rating: 1795.
- ✓ Cleared **Yukthi Challenge – Round 1** *(2025)*; progressed to *Round 2 (Ongoing).*
- ✓ Coordinated in a Cloud/DevOps workshop at Tech Festa 2025, assisting with hands-on sessions and event execution.

CERTIFICATION

- ✓ AWS Cloud Practitioner (Feb 2025)
- ✓ NPTEL – Cloud Computing (Nov 2024)
- ✓ NPTEL – Database Management Systems (Mar 2024)
- ✓ NPTEL – Parallel Computing Architecture (Apr 2025)
- ✓ Coursera – Data Structures and Algorithms
- ✓ Cisco – Networking (2023)

TRAINING COURSES(NXTWAVE)

- ✓ Building Static Websites
- ✓ Responsive Website Design
- ✓ Dynamic Web Development
- ✓ SQL Database
- ✓ Python Programming
- ✓ XPM 4.0

TECHNICAL SKILLS

- **Development**: Express.js, Node.js, HTML, CSS, Bootstrap, Tailwind CSS
- **UI/UX:** Figma, Wireframing, Prototyping
- **Programming Languages**: C++, Python, JavaScript
- **Database Management**: MySQL, MongoDB
- **Tools & Platforms**: Amazon Web Services, Git, GitHub, Android, iOS, Linux

EDUCATION

Chennai Institute of Technology   CGPA: 8.3
Bachelor of Technology in Computer Science and Business Systems   *2023 – 2027*