SOWRISH SAI SURAPANENI

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PROFESSIONAL SUMMARY

- Full Stack Developer specializing in **Java Spring Boot** backends and modern **Next.js** frontends
- Delivers responsive, user-centric web solutions by collaborating with UX/UI teams and optimizing application performance
- Builds scalable architectures using **MySQL** and **React**, focusing on cloud-native deployment via **AWS (EC2, S3, Lambda)**

TECHNICAL SKILLS

Languages: Java, JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3, C
Frameworks & Technologies: Spring Boot, Spring Data JPA, Next.js, React, Node.js, Tailwind CSS
Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Git, GitHub Actions, CI/CD, Vercel, Linux
Databases & Tools: MySQL, PostgreSQL, MongoDB, Postman, Clerk Auth, Prisma ORM, VS Code, IntelliJ

PROFESSIONAL EXPERIENCE

Northwest Missouri State University — Maryville, MO
Technology Support Assistant — *Aug 2024 – Dec 2025*
- Partnered with Campus Software Team to debug web applications, significantly reducing student portal downtime
- Maintained campus-wide software infrastructure, ensuring security and compatibility across 3000+ devices
- Provided technical documentation and UI/UX feedback to development teams, streamlining the deployment lifecycle

InMobi Technology Services — Bangalore, India
Co-Op Intern — *Jan 2023 – Dec 2023*
- Developed high-performance React/Next.js dashboards to visualize campaign KPIs, replacing legacy Excel reporting
- Collaborated with engineering to optimize ad-serving workflows, ensuring seamless delivery of campaigns worth $2M
- Built responsive UI components for analytics platforms, using segmentation tools to drive $1M in generated orders

PROJECTS

MaintXperts - Maintenance System | *Next.js, TypeScript, PostgreSQL, Prisma* — Sep 2025 – Dec 2025
- Architected a scalable Maintenance Management System replacing manual campus facility inspections
- Designed relational database schema with **Prisma ORM** to manage complex entity relationships
- Implemented secure Role-Based Access Control using **Clerk Authentication** with custom middleware
- Optimized performance with parallel data fetching and Server Components, deployed via Docker and Vercel

Personal Developer Portfolio | *Next.js, Tailwind CSS, Vercel* — Dec 2025
- Developed a high-performance personal portfolio website achieving a 100/100 Lighthouse performance score
- Implemented responsive design principles ensuring compatibility across mobile and desktop devices
- Integrated automated deployment pipelines via **GitHub Actions** and Vercel for continuous integration

E-Commerce REST API | *Java, Spring Boot, MySQL, Docker* — Jan 2025 – Mar 2025
- Engineered a robust RESTful API for an e-commerce platform handling user authentication and product management
- Utilized **Spring Security** with JWT for secure, stateless authentication across endpoints
- Containerized the application using **Docker** to ensure consistent environments between development/production

EDUCATION

Northwest Missouri State University — Maryville, MO
Master of Science in Information Systems — *Dec 2025*
- GPA: 4.0/4.0
- **Relevant Coursework:** Web App Development, Database Systems, Cloud Computing, Data Structures

Birla Institute of Technology and Science — Pilani, India
Bachelor of Engineering in Mechanical Engineering — *May 2024*
- GPA: 3.4/4.0
- **Minor:** Computation and Intelligence

LEADERSHIP & INVOLVEMENT

- **Head of Department, Controlz:** Orchestrated ticketing, logistic requirements, scheduling, and fleet management of the cultural festival attended by 10,000+ participants
- **Volunteer, Nirmaan Organization:** Spearheaded community welfare projects focusing on education for the underprivileged
- **Student Faculty Council:** Developed an analytics dashboard to track and visualize trends from an anonymous student feedback system, providing actionable insights to faculty