Krishna Shrangare

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PROFESSIONAL SUMMARY

Entry-level Software Engineer with strong fundamentals in web development, backend engineering, and cloud computing. Proficient in Java, Python, JavaScript, React, Node.js, and Express.js, with experience building REST APIs and full-stack applications. Hands-on exposure to AWS, Docker, databases, and CI/CD practices, with a solid foundation in problem-solving and object-oriented programming.

TECHNICAL SKILLS

Programming/Scripting: Java, Python, JavaScript, HTML, CSS
Frameworks: Django, React.js, Node.js, Express.js
Databases: MongoDB, MySQL, PostgreSQL, Influx DB
Tools & Technologies: VS Code, Azure IoT Hub, AWS IoT Core, Power BI, Tableau
Core Skills: REST APIs, API Security, OOP, Data Structures & Algorithms
Operating Systems: Windows, Linux (Ubuntu)
Cloud Platform: MS Azure, Amazon AWS

INTERNSHIP/TRAINING

Web Development Intern - Amdox Technologies | Nov 2025-Jan 2026| Remote
- Developed secure user authentication using REST APIs
- Built REST APIs handling 500+ records with authentication
- Improved UI performance and user experience using modern web practices

Python Development Intern- Cognifyz Technologies | Feb 2025-Mar-2025 | Remote
- Completed a 1-month internship at Cognifyz Technologies, working on projects such as web scraping, palindrome validation, Calculator and factorial computation, strengthening problem-solving, automation, and programming skills.

PROJECTS

HĀRVÉST – Full-Stack Rural Development Platform
- Developed a comprehensive NGO web platform with public and admin React frontends and a Node.js (Express + Prisma) backend
- Implemented secure authentication, dynamic content management, donations module with payment gateway, and Cloudinary image storage
- Built robust REST APIs supporting events, blogs, gallery, FAQs, contacts, and real-time donation analytics
- Tools Used: React, Node.js, Express.js, Prisma ORM, PostgreSQL, Cloudinary, JWT, GitHub, VS Code

CI/CD Pipeline Automation Project
- Build a CI/CD Pipeline Using Docker, DockerHub, GitHub Actions, AWS EC2
- Automated build and deployment process
- Reduced manual deployment efforts and errors
- Tools Used: Docker (containerization), DockerHub, GitHub Actions (CI/CD), AWS EC2 deployments

Lathe Machine Monitoring using Node-RED, MongoDB, Email PDF & Grafana
Designed and implemented a real-time machine monitoring solution using:

- Node-RED – Data acquisition, automation workflows & daily scheduler
- MongoDB – Time-series storage with auto-cleanup (5-day retention)
- Grafana – Real-time visualization for RPM, Feed & Temperature
- Automated PDF Reporting + Email Integration – 24-hour performance reports delivered automatically

EDUCATION

B.Tech – Artificial Intelligence & Data Science

Maharashtra Institute of Technology, Aurangabad | Sep 2023 – Jun 2026 | CGPA: 8.27

Diploma – Information Technology

Government Polytechnic, Nanded | Oct 2021 – Jun 2023 | Percentage: 78.31%

HSC – Science

Shivaji High School, Cidco, Nanded | June 2020 – June 2021 | Percentage: 92.67%

SSC

Shivaji Vidylaya, Cidco, Nanded | June 2018 – June 2019 | Percentage: 85.20%

CERTIFICATIONS

CSS & JavaScript Complete Course for Beginners – Udemy
AWS Cloud Practitioner Essentials-Coursera

SOFT SKILLS

- Problem Solving
- Continuous Learner
- Technical Documentation
- Cross-functional Collaboration
- Team Collaboration