

# Suraj Waghmare

SOFTWARE ENGINEER  
CLOUD & AUTOMATION

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surajw141.github.io/portfolio/ 🌐

## Professional Summary

Master's graduate in Scientific Computing specializing in cloud engineering and software automation. AWS and Google certified, with 9 months of experience developing robust testing suites and contributing to full-stack applications. Eager to apply skills in building secure and scalable software solutions in a Cloud, Automation, or Software Engineer role.

## Skills

- Programming Languages: Python, C++, JavaScript, TypeScript
- Web Development: React.js, Next.js, FastAPI, REST API Development, HTML, CSS
- Cloud & DevOps: AWS (EC2, S3, IAM, Lambda, VPC, CloudWatch), Git, GitHub, Linux, Docker
- Databases: MySQL, Oracle
- Testing & Automation: Playwright, Jmeter, Automated Test Scripting, Test Case Design
- Security: SIEM Tools, Intrusion Detection Systems (IDS), Network Security, Vulnerability Assessment, Risk Management
- Design Tools: Figma

## Professional Experience

### Software Engineer

**Ignite Solutions India Pvt. Ltd. | Pune, Maharashtra** *Jul 2025 - Present*

Engineered core components for a cutting-edge, **AI-driven Applicant Tracking System (ATS)** designed to accelerate hiring cycles.

- Developed and maintained secure, scalable backend microservices using **Python** and **FastAPI** for key features, including intelligent resume parsing and automated job publishing.
- Built responsive and interactive user interfaces for recruiter and candidate portals using **Next.js** and **TypeScript**, ensuring a seamless and intuitive user experience.

### Software Engineer Intern

**Ignite Solutions India Pvt. Ltd. | Pune, Maharashtra** *Jan 2025 - Jun 2025*

- Engineered a comprehensive automation suite using Playwright and Python for the "Chaturji" AI platform, leading to a 40% reduction in manual testing hours and faster release cycles.
- Increased automated test coverage by 75% by identifying and scripting critical user workflows, edge cases, and API validation checks.
- Collaborated within an Agile team to analyze requirements, create detailed test plans, and report bugs, ensuring high-quality software delivery.
- Maintained and refactored the testing framework to improve script reliability and reusability, contributing to a more stable and efficient CI/CD pipeline.

## Education

### Master of Science (Scientific Computing)

**Savitribai Phule Pune University (SPPU) | Pune, Maharashtra**

*Aug 2023 - Jun 2025*

### Bachelor of Science (Computer Science)

**Dr. Babasaheb Ambedkar Marathwada University | Aurangabad, Maharashtra**

*2019 - 2022*

## Certification

### Google Cybersecurity Professional Certificate

**Google (via Coursera)** *2025-01-05*

Gained proficiency in SIEM tools, IDS, risk management, and security automation.

### AWS Certified Cloud Practitioner

**Amazon Web Services** *2023-06-02*

### TCS iON Career Edge Young Professional

**TCS ion** *2023-02-03*

### Software Testing

**NPTEL (via IIIT Bangalore)** *2022-11-25*