Soham Mangesh Naik

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PROFESSIONAL SUMMARY

A focused and reliable software developer with 3+ years of experience in backend development, automation, and system maintenance across **C/C++, Python, SQL, and Linux environments**. Proven track record in **Global Delivery Experience**, including **on-site international deputation to Finland** for UAT and OTM cloudification. Skilled in **DevOps practices, version control (SVN, Git), and CI/CD pipelines**. Expert in building reliable backend systems and automation tools that support complex, large-scale operational workflows and delivering impactful solutions in agile, collaborative environments. Committed to continuous learning and staying current with modern development trends and technologies.

SKILLS & CERTIFICATIONS

- **Languages:** C, C++, Python, SQL/PLSQL.
- **Web & Middleware:** XML, HTML/CSS, Oracle Tuxedo.
- **Operating Systems:** Linux (SuSe, RHEL, Ubuntu), Windows.
- **Expertise:** Data Structures, OOP, Shell Scripting, Test Frameworks, Root Cause Analysis.
- **Tools:** Oracle Toad, SQL Developer, Jenkins, Git, Svn, CI/CD Pipelines, JIRA, SNOW, Agile, Scrum.
- **Soft Skills:** Problem-Solving, Communication, Teamwork, Adaptability, Proactive Learner, Time Management
- **Certifications:** Programming in Modern C++ (NPTEL), Core & Advanced Python Programming (Coursera), Master How to Manage Linux Applications (Coursera), Root Cause Analysis (RCA), Fundamentals of Computers (AstroMediComp).

WORK EXPERIENCE

TietoEvry Tech Services PVT LTD, Pune | *Junior Software Engineer* | *2022 – Present*
Project: UPM Communication Papers | July 2022 – Present
On-Site Experience (Finland): Deputed on-site to Finland to lead User Acceptance Testing (UAT) and support the OTM Cloudification initiative, ensuring system stability during server-side modernization.

- **C++ Developer Role:**
  - Implement backend logic and develop new features and system enhancements for sustainable printing paper solutions.
  - Contribute to both frontend (XML/HTML) and backend (C++) development cycles.
  - Integrate applications with Oracle databases using SQL/PLSQL.
  - Perform log analysis to optimize system performance and ensure global delivery stability.

- **Software Development Engineer (SDE) Role:**
  - Developed automated Python and Shell scripts to increase reliability and reduce manual tasks.
  - Built robust test frameworks, verification tools, and data validation scripts.
  - Conducted root cause analysis (RCA) and defect identification to ensure high code quality.
  - Ensured application compatibility across hybrid and cloud environments.

PROJECTS

Real-Time Graphics & Audio Synchronization
- **Tech Stack:** C/C++, Win32 SDK, OpenGL (Fixed Function Pipeline), Queue Data Structure.
- Developed a real-time graphical demonstration based on the children's song *"Chocolate cha Bangla,"* utilizing the **Fixed Function Pipeline (FFP)** of OpenGL. Implemented a custom **Queue Data Structure** to manage the synchronization of visual elements with audio playback.

Artistic Image Generation (Secured 3rd place in Final Year Project Exhibition (AICTE-SPICES).
- **Tech Stack:** Convolutional Neural Network (CNN), Python, NumPy, Pandas, PIL, Matplotlib, Google Collab.
- We aimed to explore the separation of style and content in images to create new artistic photos that blend the two. The final release impacted X users by providing a creative tool for generating unique artistic visuals.

EDUCATION

Bachelor of Engineering - BE, Computer Science | 2022
K. K. Wagh Institute of Engineering Education and Research (SSPU Affiliated) | CGPA: 8.92

HSC
K.V. N Naik College - Maharashtra State Board |2018