Ishwarachandra Gowtham

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SUMMARY

Seasoned Software Engineer with over **19 years of experience** in software development and design. Adept at leading projects that drive innovation and efficiency. Proficient in developing robust applications, microservices, and tools with a focus on improving system performance and reducing operational costs. Seeking a challenging role to leverage expertise in **Python**, **microservices**, and **DevOps** within a dynamic software product development environment.

TECHNICAL SKILLS

Platforms: UNIX, Linux
Languages: Python 3, FastAPI, Flask, SQL, Shell scripting, Django, Java, HTML
Databases: Oracle, PostgreSQL, MemSQL, MySQL
Tools: Git, GitHub, Docker, Kubernetes, Azure, Jira, Confluence, Vim
Frameworks: Agile, Scrum, Kanban

PROFESSIONAL EXPERIENCE

EOG Resources (Consultant through FirstLight Consulting), Remote
Software Consultant | Nov 2023 – Present
Key Achievement: Developed a REST API service layer using **Python**, **FastAPI**, and **Pydantic**, significantly improving data flow between UI and backend systems.
Impact: Enhanced user engagement through the successful implementation of new application features, leading to a marked increase in user productivity.

Sophos Technologies, Bangalore
Senior Software Engineer 2 | May 2022 - Aug 2023
Key Achievement: Reduced **CI/CD** on-boarding time by 30% by designing reusable **GitHub Actions workflows** and a **Python**-based GitHub App for managing runners.
Impact: Streamlined code quality enforcement by developing applications that integrated with BlackDuck and SonarQube APIs, resulting in improved code quality.

Microsoft Corporation, Bangalore
Software Engineer 2 | Jul 2019 - Apr 2022
Key Achievement: Led a team to develop **Python**-based microservices and tools, which played a critical role in meeting tight project deadlines.
Impact: Automated complex processes using **Python**, reducing manual effort and increasing efficiency across development and testing teams.

Sandvine Technologies, Bangalore
Senior Software Developer | Nov 2017 - Jul 2019
Key Achievement: Developed a full-stack web application for product performance analytics, incorporating **Python**, **Flask**, InfluxDB, and AngularJS.
Impact: Enabled teams to visualize and analyze test data, driving data-informed decision-making and improving product performance.

Oracle India Development Center, Bangalore
Senior Member of Technical Staff | Mar 2015 - Nov 2017
Key Achievement: Enhanced core product modules in C++ for a high-performance in-memory database, ensuring reliability and high availability.
Impact: Improved operational efficiency by automating database replication using **Puppet**, reducing manual intervention.

Relecura (formerly INDUS TechInnovations), Bangalore
Senior Systems Engineer | Dec 2013 - Jul 2014
Key Achievement: Developed **Java** modules for patent data mining and analysis, improving data accuracy and processing speed.
Impact: Facilitated faster decision-making by automating the loading of analyzed data into MySQL databases.

Thomson Reuters, Bangalore
Technical Lead | Mar 2008 - Dec 2013
Key Achievement: Re-engineered a legacy reporting application, reducing runtime from **2-3 days to under an hour**, significantly boosting productivity.
Impact: Enhanced revenue reporting accuracy, reducing business risk and improving financial operations.

Hewlett-Packard India Software Operations, Bangalore
Systems Software Engineer | May 2006 - Jan 2008
Key Achievement: Maintained and enhanced FTM and SPI modules in **C++**, ensuring reliable system performance.
Impact: Contributed to the successful deployment of fault and trouble management systems across multiple platforms.

Thomson Financial, Bangalore
Software Engineer | Feb 2005 - May 2006
Key Achievement: Developed several securities data feeds (information related to M&A, New Issues, etc.) containing huge datasets using a combination of PL/SQL, Perl and shell scripts for various high profile Investment Banks and Financial firms worldwide.
Impact: Enhanced data quality and data delivery experience for the customers.

EDUCATION
Bachelor of Engineering, Computer Science
Dayananda Sagar College of Engineering, Bangalore | 2000-2004
Diploma in Computer Science and Engineering
K.I.E.T. Polytechnic, Bangalore | 1997-2000

CERTIFICATIONS & AWARDS
Microsoft/Affirmed Spot Awards: Recognized for multiple contributions (Jan 2020 - Nov 2021).
Sandvine iPerfRobo Award: Excellence in PerfRobo framework development (Mar 2019).
Oracle Special Recognition Award: Outstanding technical contributions (Sep 2015).
Thomson Reuters Spot Awards: Significant impact on Global Turnkey Systems (Mar 2009, Aug 2009).