

## Ishwarachandra Gowtham

#293, 1st Floor, Aralige Mallige Parthasarathi Road, Girinagar, Bangalore - 560085

+91-98863-52938 | [ic.gowtham@gmail.com](mailto:ic.gowtham@gmail.com) | [linkedin.com/in/icgowtham](https://linkedin.com/in/icgowtham) | [github.com/icgowtham](https://github.com/icgowtham)

---

### 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, 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 REST API service layers 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 (through acquisition of Affirmed Networks), Bangalore

*Software Engineer 2 | Jul 2019 - Apr 2022*

**Key Achievement:** Led a team to develop **Python**-based microservices, automation frameworks 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, AngularJS, and concepts like metaprogramming, decorators, generators, **OOP** concepts and **SOLID** principles.

**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 4GL reporting application using **Java** and **Oracle**, 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).