

# SHIVASREE GOPINATHAN

Ontario, Canada | 226-975-1348 | gopinats@uwindsor.ca | [LinkedIn](#) | [GitHub](#) | [Shivasree-Portfolio](#)

---

## SKILLS SUMMARY

- Over 2 years of professional experience in developing software solutions, cloud services and full stack development with hands-on experience in handling **Agile (Scrum)** by utilizing **JIRA, Confluence, Azure DevOps**.
- Worked on more than 6 software development projects by utilizing **Python, Java, C, REST API, HTML, CSS, JavaScript, Django, Nodejs, Linux, Mongo DB, MySQL** etc.
- Employed **Git workflow, Eclipse, VS code** to facilitate smooth integration and effectively **leveraged Azure DevOps** for streamlined version control, **continuous integration & deployment (CI/CD)**.
- Demonstrated advanced skills in Microsoft Suite, Excel (Macros, Pivot Table, VLOOKUP, Conditional formatting, Graphs), contributing to efficient **document creation** and **strong presentation** skill in stand-up meetings.
- **Self-motivated** individual who showcases **strong written and verbal communication** skills, **collaborative** skills by providing project status update to the supervisors and stakeholders.

## TECHNICAL SKILLS

- **Programming Languages and framework:** Python, Java, MVC, C, C++, JavaScript, Typescript, Shell scripting, SQL.
- **Front end Web and Mobile Technologies:** HTML, CSS, React, Angular.
- **Back-end Technologies:** Django, Node.js, Express.js, NPM, REST API.
- **Cloud, DevOps and Deployment:** AWS, Azure, Azure DevOps Elastic Search, Kafka, CI/CD, Docker, Jenkins.
- **Database and Operating Systems:** MySQL, MongoDB, Microsoft SQL Server, Oracle, Unix, Linux, Ubuntu.
- **Version Control and Management:** Git, GitHub, GitLab, ServiceNow, Jira, Confluence, Agile, SDLC, Azure DevOps.
- **Testing Methodologies and Visualization:** Unit Testing, Jest, selenium, Test Planning, Power BI, Tableau.
- **IDE and Tools:** Android Studio, Visual Studio, PyCharm, Eclipse, Postman.

## EDUCATION

### Master of Applied Computing

May 2023 - Present

University of Windsor, Windsor, ON

Available to work full-time - 4 months or 8 months co-op starting from Summer May 2024 and willing to relocate if needed.

### Bachelor of Engineering, Computer Science

Apr 2016 - Apr 2020

Easwari Engineering College, Chennai, India

## WORK EXPERIENCE

### Full-Stack Engineer

Dec 2020 - Apr 2023

Accenture, Chennai, India

**Java, Microservices, Azure Devops, Git, VS Code, JIRA, Javascript, Nodejs, Reactjs, Restful API, Postman, ServiceNow.**

- Resolved client requests, provided **technical assessment and support** to promptly resolve escalated incidents/outage of **70 high priority P1** incidents and **150 change tickets**.
- Worked in Production and Operational release support, proactively **coding the feature, collaborated** with other teams like mainframe, cloudOps to **trouble-shoot the issues**.
- Managed the intricate code flow of application by implementing microservices for each component and utilized **Azure DevOps** for deployment, **integrating the cloud services to the web application**.
- Solved hundreds of bugs related to front and back-end technologies in **Java, Node** and running **database queries in SQL server, Azure Data studio for ETL operations**.
- Involved in **test-driven development** practices contributing to a **30% increased efficiency of application and improved client experience**.
- **Mentored 4 developers** on production deployment processes, documentation, incident analysis and reporting and conducted an in-depth analysis of incident, **reducing time consumption by an impressive 60%**.
- Established a **CI/CD pipeline** leveraging **Azure DevOps, automating the build, testing, and deployment processes**, resulting in a significant reduction in development time and increased overall efficiency.

## INTERNSHIP

### Software Engineer Intern

Jan 2020 - Apr 2020

Accenture, Chennai, India

- Designed **Flask Restplus APIs**, created interactive user interfaces, learnt the foundations of **Python libraries**, and strong understanding of **algorithms and data structures, JavaScript, HTML and CSS**.
- **Collaborated with senior analysts** to identify areas for process improvement and assisted in analyzing, and **documenting business requirements**, responsive testing results, including identified issues.
- Maintained open and transparent **communication** channels with clients throughout the development lifecycle, fostering trust and ensuring **client satisfaction**.
- Collaborated with the **business stakeholders** to understand their needs, **trouble-shoot data, reporting, resolve issues and plan operational releases**.

## CERTIFICATIONS

- **Programming Foundations: Software Testing/QA**, LinkedIn Learning Jan 2024
- **DP 204 - Associate data Engineer**, Microsoft Mar 2022
- **AZ 900 - Microsoft Azure Fundamentals**, Microsoft Sep 2021

## ACADEMIC PROJECTS

### Game Recommendation System – Web Application

Feb 2024

University of Windsor, Windsor, Ontario

**Django, Python, HTML, CSS, JavaScript, Figma, Git, JIRA, Pycharm**

- Developed an app that provides personalized recommendations by analyzing user profiles and game data, including factors such as genre, platform, gameplay style, and user ratings.
- Key features of the project include user registration and profile creation, a comprehensive database of games, a recommendation algorithm, search and filtering options, user interaction and feedback.

### Automated Seminar Attendance Management- Web Application

Oct 2023

University of Windsor, Windsor, Ontario

**Python - face recognition library, HTML, CSS, JavaScript, MongoDB, Git, JIRA**

- Developed and implemented an automated system for managing seminar attendance, enhancing efficiency and accuracy by 70%, reducing the time consumption and tracking participant presence.
- Our application streamlines the process of tracking seminar attendance using face recognition technology compared to traditional manual methods.

### Skill-Blog- API – Web Application

Oct 2023

University of Windsor, Windsor, Ontario Oct 2023

**HTML, CSS, JavaScript, MongoDB, REST API, Figma. Git, JIRA**

- Developed RESTful API to interact with the database and created a MongoDB-based backend system for a blogging platform which includes the database schema to store blog posts, user accounts, and comments.

### Skill-Sage - eLearning mobile application

Jul 2023

University of Windsor, Windsor, Ontario

**Figma, Java, Android SDK, Firebase, Git, JIRA, VS Code**

- Designed and developed Skill-Sage, an innovative eLearning mobile application aimed at enhancing educational accessibility and engagement.
- Integrated Firebase for real-time data synchronization and user authentication.

## PUBLICATIONS AND PRESENTATIONS

### International Journal of Creative Research Thoughts (IJCRT)

Jul 2020

- Gopinathan, Shivasree. "[End to End Food Chain Regulation](#)" International Journal of Creative Research Thoughts, Volume 8, Issue 7 July 2020 | ISSN: 2320-2882. The paper delves into the intricacies of regulating the entire food supply chain, aiming to ensure safety, quality, and efficiency from production to consumption.