# VIDYA G

**Software Engineer**

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## TECH STACK

**Programming Languages:** Python, SQL, HTML, CSS, JavaScript, VBA.

**Frameworks:** Flask, FastAPI.

**Databases:** MongoDB, MySQL.

**IDE:** PyCharm, Visual Studio, Replit.

**Others:** Linux, Heroku, Microsoft Excel, Git, Oracle Cloud, Docker

## LANGUAGES

**Fluent:** Kannada, English, Telugu

## EDUCATION

B.E, Electronics and Communication | BIET, DAVANGERE.

📅 2018 - 2022
- **CGPA: 7.09**

## CERTIFICATIONS

**LinkedIn:** Programming Foundation Databases
**LinkedIn:** Learning SQL programming
**LinkedIn:** Programming Foundation Fundamentals
**Udemy:** Python Programming Comprehensive Bootcamp
**Udemy:** HTML CSS, JavaScript and PHP
**Udemy:** MS Excel Macros and the basics of Excel VBA
**Oracle:** Oracle Cloud Infrastructure 2023 Certified Foundations Associate

## SUMMARY

*Experienced Web Developer with a strong front-end and back-end development background, bringing over 1.9 years of hands-on expertise in creating responsive and efficient web applications. Proficient in Python, SQL, JavaScript, CSS, HTML, FastAPI, MongoDB. Hands-on experience in IDE/Tools like Visual Studio, Pycharm, Git, Replit, Heroku Cloud Platform. Excellent problem-solving skills with a strong technical background, good interpersonal skills, Quick learner, team player, and time management skills.*

## EXPERIENCE

### SOFTWARE ENGINEER | BRIDDLES

📅 April 2023 – Present

- The project is targeted to serve its users both in offline and online mode serving the needs as per the client standards.
- Developed Backend API's using Flask for backend operations.
- Designed websites using web languages such as HTML, CSS, and JavaScript that allow users to access and interact with the site.
- Developed Tools in Excel using VBA programming.

### MEMORY DIAGNOSTICS ENGINEER (CONTRACT) | AIPL( Client - QUALCOMM)

📅 January 2023 – April 2023

- Worked with Yield, DFT, Test Engineering teams, and EDA vendors to enable high-volume diagnostics, and contribute to Yield debugs.

### GRADUATE TRAINEE ENGINEER | ANORA INSTRUMENTATION PRIVATE LTD (AIPL).

📅 June 2022 – April 2023

- It is a web application developed for client operations for domain-specific users with roles for the purpose of configuring various devices(IC's) and saving those configurations in order to reduce the redundant and cumbersome process of achieving varying outputs.
- Developed various endpoints required for Back-End operations.
- Testing the endpoints and functionalities with a variety of inputs.

### INTERN | ANORA INSTRUMENTATION PRIVATE LTD (AIPL).

📅 April 2022 – June 2022

- Extraction of data as per user choice and plotting graph for extracted data using matplotlib.
- Analyzing the raw data and creating some meaningful insights.
- SQLite and matplotlib modules are used for this project.