

SUMMARY

Software Developer with **1 year and 9 months** of experience in **C/C++** and **Python**, with a strong focus on **backend product development**, **system-level programming**, and **automation**. Proven track record of enhancing **system reliability**, building **scalable APIs**, and streamlining **development workflows**. Adept in **Linux environments**, **CI/CD pipelines**, and **embedded systems**, seeking a **full-time** opportunity to contribute to innovative software solutions.

TECHNICAL SKILLS

- Languages:** C, C++, Python, basic Java (Android), HTML/CSS, MySQL, ...
- Tools & Platforms:** Git, GitHub, GitLab, CMake, JIRA, PostHog, Windows, Linux, ...
- AI & Productivity Tools:** GitHub Copilot for AI-powered code completion; ChatGPT Prompt Engineering for code generation, documentation, and debugging support, Gemini, Replit, Grok, ...
- Development:** REST APIs, CI/CD, Embedded Systems, Automation, OOPs, TDD (Test-Driven Development), DSA, ...
- Documentation:** Doxygen-style comments, Product Requirements Documents (PRDs), ...

EXPERIENCE

RAZORPAY — C/C++ Product Development Engineer

 Aug 2023 – Apr 2025 |  **1 year 8 months** |  Bangalore, India

- Developed and maintained **payment gateway solutions (DQR, SQR)** with **REST API** and **dynamic audio feedback**.
- Collaborated with OEMs** to resolve multiple device-level issues, ensuring smooth integration of their devices as per our requirements, and improving overall **device stability by 60%**.
- Integrated **remote logging** and **daily summaries** using **C/C++** and **PostHog**, enabling efficient **field debugging**.
- Migrated codebases from **GitLab to GitHub**, improving **CI/CD workflows**.
- Resolved high-priority production bugs**, contributing to a 40% reduction in QA backlog.
- Contributed to the **development** of a **shared codebase** for **DQR** and **SQR** platforms, enabling **faster onboarding** of new hardware devices and ensuring **product scalability**.

ITC Limited — Python Project Intern

 Sep 2022 – Oct 2022 |  **1 month** |  Bangalore, India

- Automated **user access workflows** using **Python**, **PySimpleGUI**, **docx2pdf**, and **docxtpl**.
- Delivered a **reusable GUI tool** adopted across departments, improving **onboarding efficiency**.

EDUCATION



B. Tech – Computer Science and Engineering
Presidency University, Bangalore | 2019 – 2023
CGPA: 7.6 / 10

12th CBSE – KVS AFS, Yelahanka | 2018 – 2019
Percentage: 76%

10th CBSE – KVS AFS, Yelahanka | 2016 – 2017
CGPA: 9.0 / 10



PROJECTS

Stock Price Prediction using LSTM + Elliott Wave Theory

 Mar 2023 – Jun 2023 |  **4 months**




- Built an **LSTM model** integrating **Elliott Wave Theory** to forecast **Apple stock trends**.
- Outperformed traditional models by 18%** in backtesting. [\[GitHub Link\]](#)

Water Motor Automation System (IoT, C++)

 Jun 2022 – Jul 2022 |  **2 months**

- Developed an **IoT-based automation system** for **building water level monitoring**.
- Enhanced **operational reliability** and **user notification system** via **LCD display**. [\[GitHub Link\]](#)

ACHIEVEMENTS

-  **Contributed to the deployment** of new Razorpay **DQR** and **SQR Soundbox** devices, working on backend development, stability improvements, and feature integration. [DQR Soundbox Announcement \(LinkedIn\)](#) | [SQR Soundbox Announcement \(LinkedIn\)](#)
-  **Paper Presentation: NCRACIT-23** — “**Combining Elliott Wave Theory with LSTM for Stock Price Prediction**”. [\[Certificate Link\]](#)
-  **Class Representative (2019–2023)** — Represented the class for 4 consecutive years, coordinating between faculty and 50+ students, organizing academic discussions, and leading peer support initiatives.