NEHA KULKARNI

COMPUTER ENGINEERING GRADUATE | PYTHON, FLASK AND SQL

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PROFESSIONAL SUMMARY

Computer engineering graduate who built and deployed a Flask and PostgreSQL inventory app used weekly by a 40-member robotics club, and completed a three-month backend internship. Seeking a junior software developer role working with Python or Java.

TECHNICAL SKILLS

Languages: Python, Java (coursework), SQL, JavaScript (basics)

Backend: Flask, REST APIs, PostgreSQL, pytest

Tools: Git, GitHub, Postman, Docker (basics), Linux command line

Computer science: Data structures and algorithms, object-oriented design, operating systems, database management systems

INTERNSHIP EXPERIENCE

Backend Development Intern, Brightpath Software Solutions, Pune — Jan 2026 - Mar 2026

- Wrote nine REST endpoints in Flask for a customer feedback tool, tested each one in Postman, and added request validation that rejected malformed payloads before they reached the database.
- Fixed 14 bugs from the team's issue tracker, including a pagination error that skipped records on page two.
- Wrote 32 unit tests with pytest for the order status module and raised its test coverage from 41% to 78%.
- Presented the finished endpoints in a sprint review and updated the API documentation in the team wiki.

PROJECTS

ClubStock Inventory App, Flask, PostgreSQL, Docker — Jun 2025 - Oct 2025

- Built a web app for a robotics club to track 180 parts and their sign-outs, replacing a shared spreadsheet that had caused duplicate loans.
- Designed three tables and wrote the queries behind low-stock alerts, then deployed the app on a free-tier cloud server for about 40 weekly users.

Expense Splitter, Python, command-line tool — Jan 2025 - Feb 2025

- Wrote a tool that splits shared flat expenses among four housemates and exports a monthly summary to CSV, with 18 pytest cases covering the rounding rules.

ACHIEVEMENTS

Finalist, 24-Hour College Hackathon, Sahyadri Institute of Engineering — Feb 2025

- Built a bus delay alert bot with a team of three using Python and the Telegram API, and reached the final round of 12 teams out of 36.

EDUCATION

B.E., Computer Engineering, Sahyadri Institute of Engineering, Pune — Jun 2026

CGPA 8.54 / 10. Courses: Data Structures, Database Management Systems, Operating Systems, Software Engineering

CERTIFICATIONS AND TRAINING

Python for Everybody Specialization, Coursera — 2024