Shashank P

SDE Intern @Quantrium | CSE @IIT Dharwad

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About Me

Enthusiastic Computer Science and Engineering student from IIT Dharwad, currently pursuing the fifth semester, having experience as an intern in software development. I have good communication skills, a knack for problem-solving, a fast learner and an interest in expanding my knowledge base.

Work Experience

SOFTWARE DEVELOPMENT INTERN | Quantrium Tech Private Limited

April 2022 – Current

- ➔ Built a framework for **Authentication, Authorization** and **Rate-Limiting** for APIs using Python.
- ➔ Containerization of services using **Docker** and **docker-compose**.
- ➔ Used project management softwares such as **Jira**, **Confluence** and **Bit-Bucket**

Projects

KEPLER ANALYZER | Exoplanet data classification

- ➔ Classify astronomical data of exoplanets and visualize the distributions.
- ➔ **Technologies used:** Python, streamlit.

TRUPEN | Online Examination System

- ➔ Online examination system for students and performance analyzer for teachers.
- ➔ **Technologies used:** HTML, CSS, PHP, SQL, JavaScript.

DIGITAL ALPHA | SEC Filing Analyzer

- ➔ A web scraper to gather and analyze SEC filings of SAAS companies and predict the health of that company
- ➔ **Technologies used:** Python, React, Django.

Achievements

FIRST POSITION IN JUNIORS | CodeRush competitive programming

- ➔ Annual competitive programming contest from Algo-University.

FIRST POSITION | GaurdAIns Event Parsec '22

- ➔ An online game-playing event based on searching algorithms and heuristics.
- ➔ **Technologies used:** Python.

THIRD POSITION | Vision-Verse Event Xpecto '22

- ➔ Machine learning algorithms to classify crop diseases based on images.
- ➔ **Technologies used:** Python.

Certificates

Extras

- ➔ **Team lead** for a high prep problem statement, Inter IIT Tech Meet 10.0
- ➔ Completed 30 Quests and 15 skill badges in **Google Cloud Ready** Program.
- ➔ Conducted workshops on introduction to machine learning.
- ➔ Invitation to Google's **FooBar Challenge**.

Education

INDIAN INSTITUTE OF TECHNOLOGY, DHARWAD
B.Tech. CSE '24 CPI: 9.71
Nov 2020 - Present

EXPERT PU COLLEGE, MANGLORE
XII Grade, 97.66%
(2018 - 2020)

Skills

PROGRAMMING

Proficient:
Python • C/C++

Experienced:
CSS • HTML • PHP •

Familiar:
JavaScript • LaTeX • Java • Matlab

LIBRARIES/FRAMEWORKS

FastAPI • TensorFlow • PyTorch

DATABASES

MongoDB • SQL

TOOLS/PLATFORMS

Git • Docker • docker-compose • Heroku •

SKILLS / HOBBIES
Good communication • Fast learner • Knack for Problem-Solving•

Courses

- ➔ DSA
- ➔ Design, Analysis of Algorithms
- ➔ Software Systems Labs
- ➔ Intro to AI

Ongoing:

- ➔ Computer Architecture
- ➔ Data Bases and Management Systems
- ➔ Google IT Automation, Python