Bhagyashree C Patil

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PROFILE

M.Tech 🔗 Artificial Intelligence student with a strong interest in learning and growing. A recent Computer Science and Engineering graduate with hands-on experience as a Backend Developer Intern at L&T Technology Services, where I worked on Python-based backend systems. I am actively seeking opportunities in software development and am also open to technical or non-technical roles where I can contribute effectively, grow continuously, and adapt quickly to new environment.

EDUCATION

MTech Artificial Intelligence   Bangalore
Reva Academy for Corporate Excellence

Computer science and engineering   11/2021 – 11/2025
Presidency University   Bangalore, India
7.56 CGPA

Pre-University   2021
Guru Nanak Ind PU College   Bidar, India
75.17%

Secondary School   2019
Guru Nanak Dev Public School   Bidar, India
85.2%

SKILLS

Technical Skills:
Programming language:Python
Database Technologies:PostgreSQL, SQL, DBMS concepts
Web technologies: RESTful APIs

Soft skills:
Leadership: Ability to guide and motivate team members to accomplish objectives.
Teamwork: Collaborative and cooperative in team settings, contributing to achieving shared goals.
Problem Solving: Strong analytical abilities to identify, assess, and resolve complex issues efficiently.

INTERNSHIP

Backend Development Intern L&T Technology and Services   02//2025 – 05/2025
Developed a secure backend system as part of an in-house full-stack project at L&T
Technology Services, aimed at efficient and non-intrusive data polling from R&D labs.
Built RESTful APIs using FastAPI with Python, implemented user registration and login
modules, integrated PostgreSQL and MongoDB databases, and ensured secure data
handling using AES encryption and JWT-based authentication.
Contributed to scalable backend architecture through modular coding, structured logging,
and environment variable handling, while following PEP8 coding standards. Gained
exposure to hardware-software integration and collaborated closely in a team through
daily sync-ups and iterative feedback cycles.

PROJECTS

Innovatie Project- Arduino using Embedded 'C'
Soil moisture sensor kit
Team member : Tester
" An Arduino-based soil moisture sensor kit that monitors soil moisture levels using embedded C, providing real-time
data for efficient plant irrigation management".

Innovative Project- Raspberry Pi using Python
Water testing kit
Team leader
"Raspberry Pi-based water testing kit utilizing Python to measure and monitor water quality parameters such as pH, temperature, and turbidity in real time."

Capstone Project
Virtual banker at your fingertips using chatbot system
Team member
"Seamless banking support anytime, powered by smart chatbot systems."

RESEARCH PAPER PUBLICATIONS

Green Cloud Computing in Cloud Computing
" A research paper exploring green cloud computing, focusing on energy-efficient technologies and sustainable practices in cloud computing to reduce carbon footprint and optimize resource usage".

Virtual banker at your fingertips using chatbot systems " A virtual banker at your fingertips using chatbot systems
"A virtual banker at your fingertips using chatbot systems research paper exploring virtual banking solution leveraging chatbot systems to provide efficient, real-time financial assistance at users' fingertips."

CERTIFICATES

Simplilearn Skillup
Power BI for Beginners

Math works
MATLAB fundamentals

HackerRank
CSS certificate

Simplilearn Skillup
Artificial intelligence

Simplilearn Skillup
Matlab- Data Processing and Visualisation

INTERESTS

Watching movies — As it is a captivating escape that transports us into diverse stories, emotions. |

Listening to music — Passionate about music as a means to enhance focus, inspire creativity, and maintain balance.

LANGUAGES

English

Hindi

Kannada