PURUSHOTHAM H D

Hassan, Karnataka, India

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Education

Visvesvaraya Technological University — Dec. 2022 – May 2026
Bachelor of Engineering in Computer Science — **CGPA: 7.8**

Girish PU College, Channarayapatna — Apr. 2020 – July 2021
Class 12th, PCMC — **Percentage: 95.8**

Government High School, Channarayapatna — May 2018 – Apr 2019
Class 10th — **Percentage: 89.9**

Experience

Jaguar Land Rover (JLR) — Aug. 2025 – Present
Software Engineer Intern — *Bengaluru, IN*

- Developing an ADAS testing software tool expected to reduce testing costs by approximately 40%.
- Utilizing Unreal Engine and C++ to virtually simulate the testing environment.
- Working on to simulate ultrasonic sensor virtually by using DSI3 protocol.
- Implementing CI/CD pipelines to automate the testing workflow.

Excelerate — Jan. 2024 – Feb. 2024
Data Analyst Associate Intern — *Remote*

- Collaborated with a diverse global team to analyze data from over 20,000 registered users.
- Developed and implemented a comprehensive dashboard to visualize key metrics.
- Derived actionable insights by Utilizing Python, SQL, and Power BI for analysis and Figma for UI/UX prototyping.

Projects

AIbot - *[Multi-Model AI Chatbot Web Application]* — **Website | Hugging Face**

- Tech stack: Python, Streamlit, Google Cloud.
- Developed an AI chatbot application utilizing APIs.
- Working on to implement a feature allowing users to select their preferred AI model, differentiating it from platforms like ChatGPT.

See more projects: github.com/purushothamhd

Technical Skills

Languages: Python, Java, C++, HTML, CSS, SQL.
Coursework: Data Structures, Algorithms, Data Analysis, Object Oriented Programming.
Cloud Platforms: Google Cloud Platform (GCP), Microsoft Azure, Oracle Cloud Infrastructure (OCI).
Technologies: Linux, Jenkins, Docker, CI/CD, Computer Networking, DevOps, Artificial Intelligence, Cloud Computing.

Certifications

- Google Cloud Certified Associate Cloud Engineer
- Microsoft Certified: Azure AI Engineer Associate
- Oracle Cloud Infrastructure Certified Generative AI Professional

Achievements & Awards

- **Winner - TCS TechBytes 2025** (Mysuru regional final).
- Achieved 7th place nationwide in the **"Smart India Hackathon 2023"** for our solution to a problem statement by the Ministry of Home Affairs.
- **Winner** - **'Srishti - Innovation Exchange 2024'** state level Tech Quiz (received the prize from the Chairman of **ISRO** and the Chairman of **AICTE**).
- 1st place - **TCS rural IT quiz 2018** (Hassan District level).
- Finalist - **Hack4Sustainability** (a 30 hour Hackathon organised by **Siemens**).
- **Winner - Anvesana Hack for Hire** (A 36-hour Hackathon, for a problem statement from Unriddle Technologies).

Leadership / Extracurricular

- SysAdmin - GLUE (GECH Linux Users & Enthusiasts) [A technical community in our college]
- Member - ISTE (Indian Society for Technical Education) [A technical club in our college]
- Member - Google Developer Group, Cloud, Bengaluru