

Preetham H

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Bangalore, India

1 Career Objective

I'm a budding Software Engineer passionate about computer science basics, Python coding, and networking essentials like TCP/IP. I'm thrilled at the chance to join Cisco as a Summer Intern in Network/Embedded/Application Development, where I can help create cutting-edge software for cloud, security, and networking. What draws me to Cisco? Their focus on innovation and being "customer zero" really resonates with me—I love how they push boundaries with agile, secure solutions that drive real business impact. I'm excited to bring my problem-solving skills and team spirit to contribute meaningfully.

2 Education

Bachelor of Engineering in Artificial Intelligence and Data Science Nov 2022 – Jun 2026 (Expected)

Don Bosco Institute of Technology, Bengaluru

CGPA: 8.10/10 (78%)

Key Courses: Computer Science Fundamentals, Software Engineering, Data Structures, Algorithms, Machine Learning, Networking Protocols

Pre-University Course (PCMB)

Jul 2020 – Jun 2022

RNS PU College, Bengaluru

Percentage: 82.5%

SSLC

Jun 2020

Theresa Public School, Bengaluru

Percentage: 90.24%

3 Personal Projects

Resume Ranker Using Machine Learning

2024

Tools: Python, Scikit-learn, TF-IDF, Flask

Built an NLP tool from scratch to compare resumes against job postings, achieving 90% accuracy with smart text processing and vector techniques. A great way to flex my coding muscles and solve real-world matching problems.

GitHub: github.com/Preetham2004H

Data Pipeline Optimization

2024

Tools: Python, Airflow, SQL

Created automated pipelines handling 10,000+ records daily, with SQL checks reducing errors by 15%. Learned a ton about preparing data for ML and streamlining systems.

Data Analytics with Power BI

2023

Tools: Python, Power BI

Designed dashboards for sales insights, speeding up decisions by 20% through clean Python data handling. Loved seeing complex info become easy to grasp.

4 Experience

API Developer (Internship)

Dec 2022 – Mar 2023

ACE Horse, Bengaluru

Developed and optimized APIs using FastAPI and Django, cutting response times by 25% and achieving 98% uptime through robust testing. Collaborated to integrate APIs with real-time data flows, gaining hands-on experience with networking basics and Python scripting. Mastered tools like VS Code and Git for debugging and teamwork.

5 Technical Skills

- **Languages & Frameworks:** Python, Django, FastAPI, SQL, Java, C, C++, JavaScript, MongoDB, React.js, NodeJS, ExpressJS
- **Networking & Systems:** TCP/IP, routing, switching; basic security (firewalls, VPNs, IPS/IDS); OS fundamentals, kernel tweaks, debugging tools

- **Tools & Technologies:** Linux commands, Git, VS Code, DataGrip, IntelliJ IDEA, Airflow, Spark, Power BI, Tableau, Excel, Microsoft 365
- **Data Science & Engineering:** Machine Learning, NLP, Data Pipelines, Extraction, Quality Checks, cloud-ready scaling

6 Certifications

- MERN Stack Developer – Edunet (2025)
- Machine Learning with Python – Coursera (2024)
- SQL for Data Science – Coursera
- Command Line in Linux – Coursera

7 Extracurricular Activities

- Member, AI and Data Science Club, Don Bosco Institute of Technology
- 3rd Prize, State-Level Yoga Competition, Bengaluru (2017)