

# HEMCHANDRA VALLEPU

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To achieve an aspiring and earnest internship/placement that not only supplements my present knowledge but also enhances my technical and creative skills and drives me towards a challenging career in a growth-oriented organization.

## EDUCATION

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**Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad** 2021 - 2024  
Bachelor of Technology | CSE-AIML | CGPA - 7.5/10

**Mahaveer Institute of Science and technology, Hyderabad** 2018 - 2021  
Computer Engineering | CGPA - 7.7/10

## WORK EXPERIENCE

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### Neuro Nexus Innovation - November 2023

- Experienced with a proven track record in implementing machine learning models for movie genre classification, developing algorithms for credit card fraud detection, customer churn prediction, spam SMS detection, and contributing to innovative solutions for handwritten text generation.

### British Airways Data Science Job Simulation on Forage - October 2023

- Completed a simulation focussing on how data science is a critical component of British Airways success.
- Scraped and analysed customer review data to uncover findings.
- Built a predictive model to understand factors that influence buying behaviour.

## PROJECTS & PUBLICATIONS

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- Bank ATM security using face recognition** : Case Face recognition technology at bank ATMs increase security and reduces fraud, but accuracy and privacy concerns remain.
- Published a paper on “**Deep Generative Models for Automated Dehazing Remote Sensing Satellite Images**”

## CERTIFICATIONS

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- Certificate Course in DSA from Smart Coder
- Certificate Course in IOT NPTEL

## SKILLS

## DOMAINS

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|--------------|---------------------------|
| ● python     | ● Machine Learning        |
| ● C++        | ● cloud computing (Azure) |
| ● HTML & CSS | ● Deep Learning           |
| ● Java       | ● Web development         |
| ● Javascript | ● Big Data                |
| ● SQL        |                           |

## SOFT SKILLS

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Microsoft Office, Communication, Time management , Leadership skills , Team Support

**Interests:** Playing Chess, listening to music