LOHITH P K

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SUMMARY

Driven Computer Science Engineering student (BE, 2026) specializing in Machine Learning, Cloud,and Web Development. Strong experience in delivering projects,hackathons and workshops with proven leadership, innovative thinking through project exhibitions.

EDUCATION

Bachelor of Engineering-Computer Science   **Currently Pursuing (2026)**
- Vivekananda College of Engineering & Technology, Puttur   CGPA: 8.44(Present)

Pre-University - PCMB   **2020-2022**
- H.H.S.I.B Swamiji's HSS Edneer Kasaragod, Kerala   Percentage: 95.5%

SSLC   **2020**
- M.S College H.S.S Perdala Nirchal   Percentage: 100%

EXPERIENCE

Project Presentation & Exhibition – Infosys Mangalore   **2025**
- Participated in showcasing Top 15 innovative project solutions at Infosys Mangalore DC, engaging with 200+ industry professionals and gaining valuable corporate exposure.

Major Project – Active Team Leader   **2025**
- Led the final-year major project team of 4 members, ensuring timely delivery of design and implementation with 100% requirement fulfillment

PROJECTS

Knee Osteoarthritis Grade Detection System   **2025**
- Built a deep learning model combining DenseNet201 and custom CNN with attention mechanisms to classify knee OA grades (0–2) from X-ray images. Executed withTensorFlow, Keras, and Flask, achieving high accuracy through fine-tuning and augmentation

Hand Sign Language Conversion System   **2025**
- ·Developed an ML-based system using Python to translate hand gestures into text/speech, enabling communication for deaf & mute individuals; achieved 92%+ real-time recognition accuracy across 20+ gesture classes, reducing communication gaps for target users.

SKILLS

- **Languages:** C, C++, Java, Python, HTML, CSS, SQL
- **Web Tools:** VS Code, Jupyter Notebook, Eclipse, Anaconda, Git, React, Firebase,Flask
- **Cloud Platforms:** Google Cloud-Compute Engine, Cloud Shell, cloud CLI, App Engine, Cloud Functions, Cloud Storage, Cloud SQL, Pub/Sub, VPCs, Kubernetes
- **Databases:** MySQL, Firebase Realtime DB, Cloud SQL
- **Soft Skills:** Leadership, Teamwork, Creative Thinking, Solution Design

ACHIEVEMENTS

- Top 15 Project – Infosys Mangalore DC (from 200+ projects)
- Major Project – Led a 4-member team,achieving successful delivery of all requirements within deadlines
- Superset Batch Selection – Selected as part of an elite group from 300+ candidates based on merit
- DevFest Mangalore 2024 – Attended with 500+ developers (AI/Cloud focus)
- Unicourt Workshop (Docker) – Configured containers, improving deployment efficiency by 15%

CERTIFICATIONS & ACHIEVEMENTS

- Supervised Machine Learning:Regression & Classification- Coursera DeepLearningStanford-2023
- Machine Learning Fundamentals- Infosys Springboard (via Wingspan)-2025
- Architecting Cloud Computing Solutions on Microsoft Azure-2025
- Beginning Serverless Architectures with Microsoft Azure- Infosys Springboard -2025
- Database and SQL - Infosys Springboard (via Wingspan) -2024
- JavaScript 10 Projects in 10 Days Course for Beginners Udemy-2024