Kushal B

Contact

kushalkush1804@gmail.com

+91 63625 46033

https://www.linkedin.com/in/me-khush

https://github.com/mekhush

Academic Details

- **Bachelor of Engineering (B.E.)**
  Computer Science Engineering
  BNMIT, Bengaluru;
  CGPA: 8.34
  (PASSOUT-2025)
- **Diploma In Tool & Die Making**
  GT&TC, Kolar;
  Percentage: 74.15%
  (PASSOUT-2021)
- **S.S.L.C.**
  National High School, Bengaluru;
  Percentage: 53.12%
  (PASSOUT-2017)

Soft Skills

Analytical | Collaborator | Leader | Adaptable

Technical Skills

- **Programming Languages:**
  Python, JavaScript, HTML and CSS

- **Front-end:**
  React.js, Angular.js

- **Back-end:**
  Node.js, MySQL

Co-Curricular Activity

Certification:

- Strategy Formulation & Data Visualization
  CODE IIT madras 🔗
- Cloud Computing
  IIT Kharagpur on NPTEL 🔗
- Ethical Hacking
  IIT Kharagpur on NPTEL 🔗
- Privacy and Security in Online Social Media
  IIIT Hyderabad on NPTEL 🔗

Profile Summary

Recent Computer Science Engineering graduate with a solid foundation in software development, data structures, and system design. Proficient in Python and JavaScript, with experience working in Unix/Linux environments and handling real-world datasets. Demonstrated ability to write efficient queries using SQL and build scalable solutions through analytical thinking and logical problem-solving. Passionate about AI and ML, with hands-on experience in projects involving natural language processing and data analysis. Eager to contribute to impactful engineering projects and continuously learn through collaboration and innovation.

Work Experience

Software Development Intern	
Yourseyva, Bengaluru *(Start-up)*	**Feb 2025 – Apr 2025**

Responsibilities:

Backend Development (PHP):

- Contributed to backend development using *PHP*, focusing on *API integration* and extending existing logic for new features.
- Resolved bugs related to *profile image uploads*, improving the reliability of update flows.
- Assisted in modifying *routing files* and *controller classes* to add secure, admin-facing functionalities.
- Collaborated with the team to follow *MVC architecture* and maintain clean, scalable code.

App Testing (Android):

- Conducted manual testing of the mobile application across multiple Android devices to ensure functional and UI consistency.
- Logged and tracked bugs using spreadsheets and communicated feedback to developers for resolution.

Marketing Support:

- Created short promotional videos and edited content for ad campaigns targeting social media platforms (Instagram, YouTube, WhatsApp).
- Helped manage social media content, including posts, stories, and reels to increase brand engagement and reach.
- Collaborated with the marketing team on visual storytelling and campaign ideas based on user behavior and trends.

Ai Machine Learning Engineer - Intern	
Skill India, Bengaluru	**Oct 2024 – Jan 2025**

Responsibilities:

- Developed a strong foundation in Python Programming (Beginner & Advanced) for software development and data processing.
- Gained hands-on experience in Prompt Engineering and working with AI Coding Assistants.
- Worked with Databases and developed web applications using Flask.
- Explored Cloud Computing and Cloud Orchestration Platforms to understand scalable infrastructure.

Core Competencies

- o Debugging
- o Web Services
- o APIS

Personal Details

Date of Birth: 18th April 2002

Languages Known: Kannada, English, Hindi and Telugu

Address: Bengaluru, Karnataka

Quality Inspector - Intern

INDO MIM, Hoskote, Bengaluru   **Nov 2020 – Sep 2021**

Responsibilities:

- o Consistently ensured that products met or exceeded specified quality standards during the **Post-Sintering Appraisal** (PSA) process.
- o Verify that the manufacturing process aligns with the defined standards.
- o Promptly report any deviations or issues to the concerned department.
- o Identify quality-related bottlenecks in the production process.
- o Prepare detailed documentation of the inspection process, including reports and performance records.

Academic Projects

AI-Powered DeepFake Defense *(Team project)*

Tools: Python, OpenCV, TensorFlow, CNN, EfficientNetB4, and TripletNet.
Roles: Model Implementation, Facial Feature Analysis, Deep Learning Pipeline Development.
Description: Designed an AI-driven deepfake detection system utilizing **EfficientNetB4** and **TripletNet** to analyze and classify real vs. fake facial images. The model extracts deep facial embeddings, applies triplet loss for enhanced feature learning, and utilizes CNN architectures for high-accuracy detection. Integrated OpenCV for preprocessing and TensorFlow for model training, ensuring robust and scalable performance. The project emphasizes AI-based security, deepfake prevention, and real-world deployment of facial recognition models.

Next Sentence Prediction using BERT *(Team project)*

Tools: Python, Transformers (Hugging Face), PyTorch, BERT.
Roles: Model Implementation, NLP Processing.
Description: Implemented a **Next Sentence Prediction (NSP)** model using BERT to determine whether a given sentence logically follows another. The model tokenizes input text, computes logits, and applies a **softmax function** to predict probability scores. The project demonstrates **NLP model deployment**, **text classification**, and **BERT-based inference** in real-world language tasks.

Project Eval Master *(Team project)*

Tools: Python, CustomTkinter and MySQL.
Roles: System Design, Frontend & Backend Development, Database Management
Description: designed to enhance the project assessment process in colleges and it provides a user-friendly interface for evaluating student projects, ensuring accurate, fair, and efficient evaluations.