

CHETHAN PRABHU

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SUMMARY

A dedicated Computer Science student committed to learning new skills and becoming a proficient full stack developer. Passionate about exploring emerging technologies and applying innovative thinking to real-world challenges. Continuously upskilling to stay ahead in tech. Eager to join forward-thinking companies where I can contribute, grow, and make a meaningful impact.

EDUCATION

<b>Bachelor of Engineering - Computer Science &amp; Engineering</b> <i>Mangalore Institute of Technology &amp; Engineering, Karnataka</i>	2022-Present CGPA: 9.00
<b>Senior Secondary (12th)-KSEEB</b> <i>Christ King PU College, Karkala, Udupi, Karnataka</i>	2020-2022 Percentage: 96.16%
<b>Secondary School (SSLC)-KSEEB</b> <i>Government High School, Hirgana, Karkala, Karnataka</i>	2019-2020 Percentage: 94.24%

SKILLS

**Languages** : C, Java, Python.  
**Web Technologies:** HTML, CSS, JavaScript, ReactJS, NodeJS, TypeScript,PHP, API Integration.  
**Database** : SQL,MongoDB  
**Tools** : MYSQL, Git ,Visual Studio Code, Figma, GitHub, Excel, IntelliJ Idea, UiPath Studio, MS Office.  
**Technologies** : Web Development, Application Development, Docker, IBM Cloud.

INTERNSHIP

<b>Edunet Foundation -IBM Skillsbuild Internship On AI &amp; IBM Cloud Technologies</b> <b>Project:</b> Network Intrusion Detection System (NIDS) using Machine Learning I am developing a machine learning model capable of providing an early warning of malicious activities, thereby helping to secure communication networks. I am leveraging a dataset from Kaggle to train and evaluate the model's performance. The project also involves the mandatory use of Ibm Cloud Lite services, which provides me with practical experience in a cloud-based AI environment. The ultimate goal is to build a functional and effective model that showcases my skills in machine learning, AI and cloud technology.	July 2025 – Present
<b>InnoByte Services   Java Developer Intern</b> <b>Project:</b> Online Quiz Application <b>Technologies:</b> Java, JDBC, MySQL, SHA-256, Console I/O. Designed and developed an Online Quiz Application with features like user authentication, quiz management, scoring, and progress tracking. Implemented CRUD operations for managing user accounts, quizzes, and quiz results using JDBC. The system supports secure user registration and login with SHA-256 password hashing. Admins can create quizzes and manage questions, while users can take quizzes and review their history. Integrated MySQL for persistent data storage and real-time scoring. Emphasized modular code structure and user-friendly console interaction.	October 2024 -November 2024

## PROJECTS

**Data Driven Prediction for Cardiovascular Health using Deep Learning | Group of 4** January 2025- Present

**Technologies:** Python, TensorFlow, Keras, Pandas, Scikit-learn, ReactJS, Flask

The project predicts five major heart diseases—Coronary Artery Disease (CAD), Heart Failure, Myocardial Infarction, Stroke, and Hypertension—using Deep Neural Networks by analyzing key health parameters from user input. It assesses risk levels (Low, Moderate, High) and identifies the most influential risk factors. A React-based web interface provides real-time predictions and personalized preventive guidance.

**Text-to-Image Generation from Narrative Descriptions using COCO | Group of 4** Sept 2024- Dec 2024

**Technologies:** HTML, CSS, JavaScript (Frontend & Backend), COCO Dataset, Hugging Face API, ZB-Tech Models.

This project focuses on generating realistic images from textual descriptions by combining natural language processing and image synthesis techniques. Using the COCO dataset's annotated captions and images, the system interprets narrative inputs and converts them into coherent visual outputs. The integration of Hugging Face APIs and ZB-Tech models enhances image quality and contextual accuracy. Designed with JavaScript for both frontend and backend, the platform features a clean user interface, enabling intuitive, real-time visual generation. It supports diverse applications such as education, marketing, and creative content development.

**Job Portal Web Application** June 2025 Present

**Technologies:** MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML, CSS, JavaScript.

Developed a full-stack job portal web application connecting job seekers and recruiters via a role-based system. Implemented features like job posting, application tracking, user authentication, and dynamic dashboards. Built using MongoDB, Express.js, React.js, and Node.js (MERN stack). Integrated secure JWT authentication and responsive UI with modern frontend practices. Ensured real-time updates and smooth user experience across devices.

## COURSES & WORKSHOPS

- Certified in the course ‘**Programming in Java**’ provided by **NPTEL** in the year **2024**.
- Certified in the course ‘**Google IT Support**’ authorized by **Google** in the year **2024**.
- Certified in the course ‘**RPA Developer Foundation (v2021.10)**’ authorized by **UiPath** in the year **2024**.
- Certified in the course ‘**UiPath Automation Explorer for Students**’ authorized by **UiPath** in the year **2024**.
- Certified in the course ‘**Getting Started with Artificial Intelligence**’ by **IBM SkillsBuild** on July 15, 2025.
- Certified in the course ‘**Journey to Cloud: Envisioning Your Solution**’ by **IBM SkillsBuild** on July 17, 2025.
- Certified in the course ‘**Get Started Building with Power BI**’ authorized by **Microsoft** on July 13, 2025.
- Certified in the course ‘**Discover Data Analysis**’ authorized by **Microsoft** on July 13, 2025.
- Certified in the course ‘**Understand Concepts of Data Analytics**’ authorized by **Microsoft** on July 13, 2025.
- Participated in 'AI for Students: Build Your Own Generative AI Model' workshop by NxtWave in 2024.
- Participated in the Workshop on ‘**GEN AI**’, conducted by PrepInsta Prime Campus Club on June 24, 2025.
- **Object Oriented Programming using Python**, Infosys, 2024.
- **Java Foundation Certification**, Infosys Springboard, January 2025.

## ACHIEVEMENTS & ACTIVITIES

- Participated in ‘**ZECODER Coding Competition**’ organized by **The Dept of ISE, MITE** in the year **2024**.
- Participated in ‘**CSS Battle Coding Competition**’ organized by **The Dept of CSE, MITE** in the year **2024**.
- Participated in ‘**PROMPT WARS**’ organized by C.O.R.E., CSI & Crypton Club, **MITE** on 10th May 2025.
- Participated in **TATA Crucible Campus Quiz 2024**, organized by the **Tata Group** on Unstop.
- Successfully unlocked **Gold level during the Go for Gold contest** in iAspire, **Accenture**, January 2025.
- Participated in the **National Space Hackathon 2025**, organized by **IIT Delhi** hosted on Unstop.
- Participated in the **Chingari Aptos hAIckathon**, organized by **Chingari** hosted on Unstop.
- Participated in ‘**Samsung Solve for Tomorrow 2025**’ organized by **Samsung**.
- Participated in ‘**Eurogrip TORQ Challenge 3.0 (Treasure Hunt)**’ organized by **Eurogrip** hosted on Unstop.
- Participated in ‘**Samsung Galaxy AI Treasure Hunt**’ by **Samsung** on 20th June 2025, hosted on Unstop.
- Participated in ‘**Adobe India Hackathon 2025**’ organized by **Adobe** on Unstop.



