

Harikrishnan Gopal

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SUMMARY

Motivated engineering student with strong skills in full-stack development, machine learning, and scalable application design. Experienced in delivering impactful projects and collaborating with diverse teams. Passionate about leveraging technology to solve real-world problems and eager to contribute as a STEP Intern at Google.

EDUCATION

KJ Somaiya College of Engineering, Mumbai

B.Tech in Computer Engineering (Expected 2026)

CGPA: 9.36/10

Consistently achieved high academic performance with semester GPAs ranging from 9.14 to 9.75

EXPERIENCE & PROJECTS

Software Development Centre (KJSCE-SWDC)

May to July 2024

Web developer Intern

Developed a MERN stack-based website, improving digital engagement.
Ensured smooth frontend-backend integration and optimized performance.
Delivered a responsive and user-friendly application.

Machine Learning for Agriculture

June 2024

Research Paper

Conducted research on optimizing cotton crop yields using machine learning.
Developed predictive models analyzing soil data for sustainable agriculture.
Collaborated on a research paper, showcasing innovative data-driven farming solutions.

Fincredible

Project

Created a financial management platform for budgeting and goal setting.
Built interactive dashboards and implemented secure bank account integration using the MERN stack.
Designed scalable architecture for seamless user experience.

Plagiarism Checker

Project

Developed a full-stack plagiarism detection tool, improving text analysis accuracy using NLP.
Built a responsive frontend (HTML, CSS, JavaScript) and a secure backend (PHP).
Integrated NLP algorithms, ensuring efficient and accurate detection.

SKILLS

Programming Languages: Python, Java, JavaScript, C, C++, TypeScript

Web Development: Flask, MERN Stack, Next.js, HTML, CSS, RESTful APIs

Machine Learning & Data Analysis: Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib, OpenCV

Cloud & DevOps: Docker, Kubernetes, Google Cloud Platform, Firebase, Git

Databases: SQL, NoSQL (MongoDB, Firestore)

Tools & Technologies: Git, Jupyter Notebooks, Google Colab, VS Code, Agile