

VISHAL RATHOD

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SUMMARY

As a recent Computer Science Engineering graduate, I am eager to apply my full-stack development skills and hands-on project experience in a dynamic tech environment. Passionate about building scalable, user-focused applications and continuously learning new technologies.

EDUCATION

BACHELOR OF ENGINEERING – COMPUTER SCIENCE & ENGINEERING

S.D.M College of Engineering and Technology, Dharwad 2021 – 2025 | CGPA: 7.1

PRE-UNIVERSITY EDUCATION

Sarvajna PU College of Science, Gulbarga – 585105 2021 | Percentage: 68.88%

TECHNICAL SKILLS

- **Programming:** C, C++, Java (OOP), Advanced Java, Java Frameworks (Spring Boot), Python (FastAPI), Node.js
- **Web Development:** HTML, CSS, JavaScript, React.js
- **Database:** MySQL, MongoDB (Aggregation, CRUD Operations), Data Modeling, Oracle,
- **Core Subjects:** Data Structures & Algorithms, Computer Networks, Operating Systems
- **Tools & Platforms:** GitHub, GitHub Actions (CI/CD), Google Cloud Platform, Visual Studio Code, Eclipse,
- **Backend & API Development:** RESTful API design, Efficient & Reusable Code, Backend Optimization, Troubleshooting, API Security, Unit & Integration Testing (JUnit, PyTest), End-to-End (E2E) Testing
- **Data Engineering:** ETL Development, Data Pipeline Design, Data Modeling, Data Streaming (Kafka), Big Data Concepts, Apache Spark, Hive, Databricks (Basics), AWS EMR, Cloud Data Integration

ACADEMIC PROJECTS

Disguised Face Detection System

- Optimized an AI-powered face recognition system using **Python, TensorFlow, Keras, and OpenCV** to detect disguised faces.
- Executed deep learning models such as **VGG, ResNet, and InceptionResNet**.

Social Media Web Application

- Enhanced a full-stack social media platform using **React.js, HTML, CSS, and JavaScript** for the frontend.
- Integrated user authentication, profile management, post creation, and like/comment features using Spring Security and REST APIs.

BookStore App | MERN Stack, React Native, Expo, Node.js, Express, MongoDB

- Engineered a cross-platform bookstore app with JWT authentication, enabling users to browse, create, and manage book recommendations across **iOS, Android, and web**.
- Built a **RESTful API with Node.js, Express, and MongoDB** and deployed the app using **Render.com**, supporting secure CRUD operations, media uploads, and responsive UI screens.

CERTIFICATES

- C Programming
- Web Development (Front-End)
- Full Stack Development

INTERNSHIP EXPERIENCE

Cisco CCNAv7 Internship (July–August 2024)

- Engineered network configurations with **IP addressing, subnetting, VLANs, and routing protocols**.
- Designed and simulated network configurations using **Cisco Packet Tracer**.
- Cleared both theoretical and practical evaluations with distinction.

Full Stack Development Intern – KodNest, Bangalore

- Gained hands-on experience in **HTML, CSS, JavaScript, Java, DSA, MySQL, and Python** through intensive training and real-world projects.
- Built and deployed simple **Full Stack applications**, strengthening problem-solving and development skills.

Full-Stack Development Intern – Airobosoft

- Developed and deployed web applications using **HTML, CSS, Java, JavaScript, Firebase, and MySQL**, enhancing application functionality and performance.
- Debugged and tested applications, resolving issues to ensure smooth deployment and reliable functionality.